

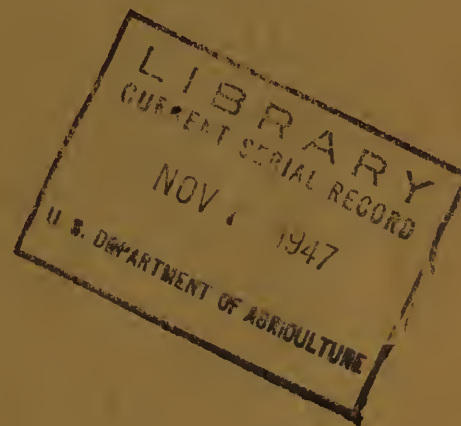
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**BUDGET ESTIMATES**  
**FOR THE**  
**UNITED STATES**  
**DEPARTMENT OF AGRICULTURE**

**FOR THE FISCAL YEAR ENDING**  
**JUNE 30, 1947**



**A SEPARATE FROM THE BUDGET OF**  
**THE UNITED STATES GOVERNMENT**  
**1947**





**BUDGET ESTIMATES**  
**FOR THE**  
**UNITED STATES**  
**DEPARTMENT OF AGRICULTURE**  
**FOR THE FISCAL YEAR ENDING**  
**JUNE 30, 1947**

A Separate from the Budget of the United States Government  
1947



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
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TABLE 4—Continued

## APPROPRIATIONS AND EXPENDITURES OF GENERAL AND SPECIAL ACCOUNTS—Continued

Function and organization unit	APPROPRIATIONS			EXPENDITURES		
	Recommended, 1947	Actual, 1946	Actual, 1945	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>NATIONAL DEFENSE—Continued</b>						
<b>Federal Security Agency:</b>						
Office of Education.....		\$384,900	\$15,541,700.00		\$756,000	\$47,687,917.51
Public Health Service.....		78,760,000	76,125,000.00	\$1,567,000	62,104,000	74,526,205.42
Office of the Administrator:						
National Youth Administration.....						111,647.52
Other.....		511,000	1,550,000.00	375,000	2,719,000	3,033,654.46
Total.....		79,655,900	93,216,700.00	1,942,000	65,579,000	125,359,424.91
Adjustment to daily Treasury statement basis.....						-2,591,224.08
Total, Federal Security Agency.....		79,655,900	93,216,700.00	1,942,000	65,579,000	122,768,200.83
<b>Federal Works Agency:</b>						
Office of the Administrator.....						5,313.36
Public Buildings Administration.....				2,741,000	1,770,000	842,837.26
Public Roads Administration.....	\$17,838,792	48,000,000	77,000,000.00	30,400,000	61,144,500	56,521,759.83
Bureau of Community Facilities.....		20,000,000	32,000,000.00	19,800,000	69,700,000	119,252,342.83
Total.....	17,838,792	68,000,000	109,000,000.00	52,941,000	132,614,500	176,622,253.28
Adjustment to daily Treasury statement basis.....						+8,547,085.84
Total, Federal Works Agency.....	17,838,792	68,000,000	109,000,000.00	52,941,000	132,614,500	185,169,339.12
<b>National Housing Agency:</b>						
Adjustment to daily Treasury statement basis.....			99,373,000.00	16,185,000	59,720,000	104,933,477.43
Total, National Housing Agency.....			99,373,000.00	16,185,000	59,720,000	-35,060,298.32
<b>Department of Agriculture:</b>						
Bureau of Agricultural Economics.....						1,258.82
Office of Foreign Agricultural Relations.....						8,820.06
Agricultural Research Administration: Bureau of Entomology and Plant Quarantine.....						991.87
Forest Service.....						2,782.38
Emergency rubber project.....				965,000	4,276,000	4,756,038.10
Production and Marketing Administration.....		39,986,472	50,700,000.00	8,133,000	29,551,500	43,917,024.49
Defense aid (lend-lease).....				200,000,000	850,000,000	1,173,048,833.70
United Nations Relief and Rehabilitation Administration.....				600,000,000	450,000,000	10,970,327.72
Farm Security Administration.....					300	22,524.33
Miscellaneous.....				836,000	4,870,200	684,212.23
Total.....		39,986,472	50,700,000.00	809,934,000	1,338,698,000	1,233,412,813.70
Adjustment to daily Treasury statement basis.....						-24,863,944.42
Total, Department of Agriculture.....		39,986,472	50,700,000.00	809,934,000	1,338,698,000	1,208,548,869.28
<b>Department of Commerce:</b>						
Office of the Secretary.....		75,000	125,000.00	18,000	564,000	1,161,550.70
Bureau of the Census.....						183,165.26
Office of Surplus Property.....						2,465,038.15
Office of Administrator of Civil Aeronautics.....				8,002,000	24,330,000	43,614,672.78
Bureau of Foreign and Domestic Commerce.....						30,657.74
National Bureau of Standards.....				4,994,000	5,484,500	1,184,651.45
Miscellaneous.....			1,416.11			
Total.....		75,000	126,416.11	13,014,000	30,378,500	48,639,736.08
Adjustment to daily Treasury statement basis.....						+38,242,095.55
Total, Department of Commerce.....		75,000	126,416.11	13,014,000	30,378,500	86,881,831.63
<b>Department of the Interior:</b>						
Office of the Secretary.....			525,000.00		206,000	595,251.53
Solid Fuels Administration for War <sup>2</sup> .....	25,000	3,600,000	4,669,200.00	200,000	3,396,000	3,551,051.83
War Relocation Authority <sup>2</sup> .....	125,000	25,000,000	39,094,373.78	1,900,000	25,000,000	37,241,184.04
Bureau of Indian Affairs.....			35,000.00	2,000	97,000	132,721.30
Bureau of Reclamation.....					373,000	125,282.19
Geological Survey.....		325,000	665,000.00	1,185,000	2,542,000	2,511,957.19
Bureau of Mines.....		5,450,000	10,970,000.00	1,120,000	6,820,000	11,959,459.40

<sup>2</sup> Detailed estimates of appropriation for 1947 will be submitted to the Congress in the spring of 1946. The amounts shown for 1947 are tentative.

TABLE 4—Continued  
 APPROPRIATIONS AND EXPENDITURES OF GENERAL AND SPECIAL ACCOUNTS—Continued

Function and organization unit	APPROPRIATIONS			EXPENDITURES		
	Recommended, 1947	Actual, 1946	Actual, 1945	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>VETERANS PENSIONS AND BENEFITS:</b>						
Veterans Administration.....	\$4,787,181,000	\$3,451,979,250	\$1,499,263,987.15	\$4,207,779,400	\$3,346,815,000	\$2,077,786,925.95
Adjustment to daily Treasury statement basis.....						-33,914,191.82
Total, veterans pensions and benefits.....	4,787,181,000	3,451,979,250	1,499,263,987.15	4,207,779,400	3,346,815,000	2,043,872,734.13
<b>INTERNATIONAL FINANCE:</b>						
Treasury Department:						
Office of the Secretary.....				254,000,000	2,012,500,000	
<b>AIDS TO AGRICULTURE:</b>						
Independent offices:						
General Accounting Office.....				351,000	407,000	325,163.59
Department of Agriculture:						
Extension Service.....						260.00
Land utilization and retirement of submarginal land.....	1,598,000	1,227,300	1,490,481.57	1,565,000	1,358,138	1,328,862.57
Water conservation and utilization projects.....	700,000	1,165,066		1,050,000	950,000	541,186.79
Production and Marketing Administration:						
Conservation and use of agricultural land resources.....	270,000,000	342,658,000	302,500,000.00	252,450,000	305,250,000	254,561,610.86
Parity payments.....					1,800	229,700.17
Administration of the Sugar Act of 1937.....	55,000,000	48,446,000	52,510,203.00	53,150,000	47,150,000	42,738,076.50
Federal Crop Insurance Act <sup>1</sup> .....	7,880,000	7,984,900		5,000,000	4,900,000	577,291.12
Exportation and domestic consumption of agricultural commodities.....	118,000,000	114,274,626	119,307,107.95	198,000,000	110,000,000	70,097,818.48
Other.....				35,008,400	36,977,900	38,518,953.97
Farm Security Administration.....	27,804,000	25,857,264	28,525,000.00	27,750,000	26,676,600	26,922,971.37
Farm Credit Administration.....	5,584,000	526,000	626,321.00	20,873,300	41,754,000	26,795,669.84
Total, Department of Agriculture.....	486,566,000	542,139,156	504,959,113.52	553,100,100	491,510,438	462,312,401.67
Department of the Interior:						
Fish and Wildlife Service.....				45,000	30,000	29,228.55
Treasury Department:						
Office of the Secretary:						
Federal land banks:						
Reductions in interest rate on mortgages.....					5,500	4,240,676.53
Subscription to paid-in surplus, revolving fund.....					32,850,000	65,323,018.51
Subscription to capital stock, revolving fund.....				72,000,000	2,868,000	2,264,590.00
Federal Farm Mortgage Corporation: Reductions in interest rate on mortgages.....					4,000	1,372,001.09
Federal Crop Insurance Corporation: Subscription to capital stock.....			30,000,000.00	20,000,000	10,000,000	
Commodity Credit Corporation: Restoration of capital impairment.....			256,764,881.04			256,764,881.04
Total, Treasury Department.....			286,764,881.04	52,000,000	25,708,500	194,789,950.15
Total.....	486,566,000	542,139,156	791,723,994.56	501,496,100	466,238,938	657,456,743.96
Adjustment to daily Treasury statement basis.....						-55,105,095.21
Total, aids to agriculture.....	486,566,000	542,139,156	791,723,994.56	501,496,100	466,238,938	602,351,648.75
<b>SOCIAL SECURITY, RELIEF, AND RETIREMENT:</b>						
Social security program:						
Administrative expenses:						
Federal Security Agency, Social Security Board.....	29,686,800	24,819,599	25,445,900.00	31,059,200	26,320,000	24,948,630.87
Department of Commerce, Bureau of Census.....	155,000	145,000	165,000.00	155,000	95,000	108,218.54
Department of Labor, Children's Bureau.....	516,800	379,365	420,800.00	515,000	380,000	397,308.31
Total, administrative expenses.....	30,358,600	25,343,964	26,031,700.00	31,729,200	26,795,000	25,454,157.72
Grants to States:						
Federal Security Agency:						
Public Health Service.....	19,420,000	11,467,000	11,000,000.00	18,800,000	11,000,000	10,788,825.02
Social Security Board.....	532,045,000	488,042,000	439,796,000.00	532,000,000	488,000,000	435,818,988.90
Total, Federal Security Agency.....	551,465,000	499,509,000	450,796,000.00	550,800,000	499,000,000	446,607,813.92
Department of Labor: Children's Bureau.....	11,200,000	11,200,000	11,200,000.00	11,110,000	12,685,000	10,687,957.32
Total, grants to States.....	562,665,000	510,709,000	461,996,000.00	561,910,000	511,685,000	457,295,771.24
Total.....	593,023,600	536,052,964	488,027,700.00	593,639,200	538,480,000	482,749,928.96
Adjustment to daily Treasury statement basis.....						-6,384,817.47
Total, social security program.....	593,023,600	536,052,964	488,027,700.00	593,639,200	538,480,000	476,365,111.49

<sup>1</sup> Excess of credits, deduct.

<sup>2</sup> The estimates of appropriation for 1947 will be submitted to the Congress with the budget programs of the Government corporations in the spring of 1946. The amounts shown for 1947 are tentative.



TABLE 4—Continued  
APPROPRIATIONS AND EXPENDITURES OF GENERAL AND SPECIAL ACCOUNTS—Continued

Function and organization unit	APPROPRIATIONS			EXPENDITURES		
	Recommended, 1947	Actual, 1946	Actual, 1945	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>SOCIAL SECURITY, RELIEF, AND RETIREMENT—Con.</b>						
<b>Work relief:</b>						
Independent offices: United States Employees' Compensation Commission.....						\$1,294,463.54
Federal Security Agency: Public Health Service.....						38,552.00
Federal Works Agency:						
Office of the Administrator:						
Public Works Administration.....				\$7,100,000	\$12,283,000	4,723,559.73
Work Projects Administration.....					36,000	• 1,321,064.55
Other.....					11,500	22,588.66
Total, Federal Works Agency.....				7,100,000	12,330,500	3,425,083.84
Department of the Interior: Government in the Territories.....						• 1,360.48
Treasury Department:						
Fiscal Service:						
Bureau of Accounts.....						88.27
Office of the Treasurer of the United States.....						• 17,724.13
Secret Service Division.....						• 2,825.72
Procurement Division.....						• 95,942.05
Total, Treasury Department.....						• 116,403.63
Total, work relief.....				7,100,000	12,330,500	4,640,335.27
<b>Retirement funds:</b>						
Government employees' retirement funds:						
Civil Service Commission:						
Civil service retirement and disability appropriated fund.....	\$220,100,000	\$245,000,000	\$194,500,000.00	220,100,000	245,000,000	194,500,000.00
Canal Zone retirement and disability appropriated fund.....	1,177,000	1,177,000	1,177,000.00	1,177,000	1,177,000	1,177,000.00
Alaska Railroad retirement and disability appropriated fund.....	217,000	217,000	175,000.00	217,000	217,000	175,000.00
Department of State: Foreign Service retirement and disability appropriated fund.....	922,800	922,800	910,500.00	922,800	922,800	910,500.00
Total, Government employees' retirement funds.....	222,416,800	247,316,800	196,762,500.00	222,416,800	247,316,800	196,762,500.00
Railroad retirement appropriated account.....	298,233,000	291,913,000	308,817,000.00	230,895,200	359,250,800	308,817,000.00
Total, retirement funds.....	520,649,800	539,229,800	505,579,500.00	453,312,000	606,567,600	505,579,500.00
Total, social security, relief, and retirement.....	1,113,673,400	1,075,282,764	993,607,200.00	1,054,051,200	1,157,378,100	986,584,946.76
<b>GENERAL PUBLIC WORKS PROGRAM:</b>						
<b>Highways and airports:</b>						
Federal Works Agency:						
Public Buildings Administration.....					1,000	
Public Roads Administration.....	283,000,000	59,000,000	43,000,000.00	255,000,000	127,551,000	33,037,838.94
Total, Federal Works Agency.....	283,000,000	59,000,000	43,000,000.00	255,000,000	127,552,000	33,037,838.94
Department of Agriculture: Forest roads and trails.....	36,214,222	9,918,778	4,161,496.00	32,500,000	8,500,000	6,214,430.33
Department of Commerce: Office of Administrator of Civil Aeronautics.....		4,154,000		6,406,000	7,150,000	289,898.33
Department of the Interior:						
Bureau of Indian Affairs.....	4,700,000	900,000	950,000.00	4,500,000	994,000	1,051,030.94
National Park Service.....	22,400,000			17,200,000	800,000	270,219.49
Total, Department of the Interior.....	27,100,000	900,000	950,000.00	21,700,000	1,794,000	1,321,250.43
War Department: Corps of Engineers.....	2,900,000			1,000,000	490,000	835,000.00
Total, highways and airports.....	349,214,222	73,972,778	48,111,496.00	316,606,000	145,486,000	41,698,418.03
<b>Rivers and harbors:</b>						
Department of the Interior: Geological Survey.....				120,000	120,000	140,415.53
War Department (civil functions): Corps of Engineers.....	120,686,500	76,528,600	54,529,000.00	110,000,000	79,500,000	55,648,958.94
Total, rivers and harbors.....	120,686,500	76,528,600	54,529,000.00	110,120,000	79,620,000	55,789,374.47

• Excess of credits, deduct;

TABLE 5—Continued  
 APPROPRIATIONS AND EXPENDITURES OF GENERAL AND SPECIAL ACCOUNTS—Continued

*By organization unit and appropriation title*

[For the fiscal years 1947, 1946, and 1945]

Organization unit and appropriation title <sup>1</sup>	APPROPRIATIONS			EXPENDITURES		
	Recommended, 1947	Actual, 1946	Actual, 1945	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>DEPARTMENT OF AGRICULTURE</b>						
<b>Office of the Secretary:</b>						
Salaries and expenses.....	\$1,838,500	\$1,450,000	\$1,700,000.00	\$1,900,000	\$1,525,000	\$1,763,834.02
Salaries.....						° 334.80
Miscellaneous expenses.....						970.32
Working capital fund.....						° 54,250.72
Penalty mail costs.....	3,186,000	3,238,740	3,161,650.00	3,245,000	3,928,000	1,403,825.89
Foreign service pay adjustment.....						93.82
Total, Office of the Secretary.....	5,024,500	4,688,740	4,861,650.00	5,145,000	5,453,000	3,114,138.53
<b>Office of the Solicitor:</b>						
Salaries and expenses.....	2,264,000	1,860,000	1,930,632.00	2,300,000	2,050,000	1,960,320.43
Working fund.....						° 11,191.96
Total, Office of the Solicitor.....	2,264,000	1,860,000	1,930,632.00	2,300,000	2,050,000	1,949,128.47
<b>Office of Information:</b>						
Salaries and expenses.....	578,500	453,000	514,002.00	610,000	650,000	744,262.27
Printing and binding.....	1,145,000	1,000,000	1,100,000.00	1,305,000	1,500,000	1,179,987.26
Reproduction of 1942 Yearbook of Agriculture.....					15,500	162,455.00
Total, Office of Information.....	1,723,500	1,453,000	1,614,002.00	1,915,000	2,165,500	2,086,704.53
<b>Library:</b>						
Salaries and expenses.....	552,000	467,900	550,171.00	535,000	470,000	521,172.90
Working fund.....						77.77
Total, Library.....	552,000	467,900	550,171.00	535,000	470,000	521,250.67
<b>Bureau of Agricultural Economics:</b>						
Salaries and expenses.....	4,553,000	3,630,000	4,110,236.00	4,550,000	3,850,000	4,113,517.75
Working fund.....						61,834.94
Working fund, <i>Emergency Management</i> .....						1,258.82
Total, Bureau of Agricultural Economics.....	4,553,000	3,630,000	4,110,236.00	4,550,000	3,850,000	4,176,611.51
<b>Office of Foreign Agricultural Relations:</b>						
Salaries and expenses.....	650,000	500,000	481,505.00	625,000	510,000	441,349.51
Working fund.....						4,532.51
Working fund, <i>Emergency Management</i> .....						8,820.06
Total, Office of Foreign Agricultural Relations.....	650,000	500,000	481,505.00	625,000	510,000	454,702.08
<b>Extension Service:</b>						
Payment to States, Hawaii, Alaska, and Puerto Rico for cooperative agricultural extension work.....	22,698,950	18,698,950	14,198,950.00	22,478,950	18,538,950	14,015,166.76
Salaries and expenses: Administration and coordination of extension work.....	776,900	697,900	785,843.00	750,000	665,000	718,726.61
Working fund, Agricultural Adjustment Administration.....						260.00
Permanent appropriation:						
Cooperative agricultural extension work.....	4,704,710	4,704,710	4,704,710.00	4,704,710	4,704,710	4,700,439.05
Working fund.....						338.81
Total, Extension Service.....	28,180,560	24,101,560	19,689,503.00	27,933,660	23,908,660	19,434,931.23
<b>Agricultural Research Administration:</b>						
Office of Administrator: Salaries and expenses.....	460,500	235,200	136,656.00	450,000	275,000	116,535.13
Beltsville Research Center.....			130,760.00		11,000	120,989.08
Special research fund.....	1,193,000	1,088,000	1,226,364.00	1,160,000	1,075,000	1,151,815.20
<b>Office of Experiment Stations:</b>						
Payments to States, Hawaii, Alaska, and Puerto Rico, agricultural experiment stations.....	7,552,500	7,206,208	7,001,208.00	7,552,000	7,190,000	6,972,335.62
Salaries and expenses.....	343,200	252,975	283,243.00	300,000	260,000	261,316.89
Total, Office of Experiment Stations.....	7,895,700	7,459,183	7,284,451.00	7,852,000	7,450,000	7,233,652.51

° Excess of credits, deduct.

<sup>1</sup> Appropriation titles in italics are classified as "national defense."



TABLE 5—Continued

## APPROPRIATIONS AND EXPENDITURES OF GENERAL AND SPECIAL ACCOUNTS—Continued

Organization unit and appropriation title	APPROPRIATIONS			EXPENDITURES		
	Recommended, 1947	Actual, 1946	Actual, 1945	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>DEPARTMENT OF AGRICULTURE—Continued</b>						
<b>Agricultural Research Administration—Continued</b>						
Bureau of Animal Industry:						
Salaries and expenses.....	\$19,224,000	<sup>b</sup> \$15,639,900	<sup>b</sup> \$18,041,972.00	\$9,950,000	\$9,400,000	\$8,427,712.86
Marketing agreements, hog cholera virus and serum.....				37,400	38,000	33,480.05
Eradication of foot-and-mouth and other contagious diseases of animals.....	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )			<sup>a</sup> 775.29
Total, Bureau of Animal Industry.....	19,224,000	15,639,900	18,041,972.00	9,987,400	9,438,000	8,460,417.62
Bureau of Dairy Industry: Salaries and expenses.....	1,011,000	742,300	812,958.00	960,000	755,000	777,351.04
Bureau of Plant Industry, Soils, and Agricultural Engineering:						
Salaries and expenses.....	7,047,700	5,193,900	5,699,032.00	6,800,000	4,800,000	5,309,449.61
Rubber investigations.....					13,200	11,145.29
Total, Bureau of Plant Industry, Soils, and Agricultural Engineering.....	7,047,700	5,193,900	5,699,032.00	6,800,000	4,813,200	5,320,594.87
Bureau of Entomology and Plant Quarantine:						
Salaries and expenses.....	6,701,000	5,627,700	5,842,205.00	6,300,000	5,500,000	5,526,103.90
Working fund, Emergency Management.....						991.87
Total, Bureau of Entomology and Plant Quarantine.....	6,701,000	5,627,700	5,842,205.00	6,300,000	5,500,000	5,527,095.77
Control of emergency outbreaks of insect pests and plant diseases.....	2,800,000	2,700,000	3,780,050.00	1,400,000	2,600,000	2,866,703.50
Bureau of Agricultural and Industrial Chemistry:						
Salaries and expenses.....	5,166,000	4,475,000	4,752,361.00	5,050,000	4,650,000	4,274,264.50
Transferred from: Synthetic liquid fuels, Bureau of Mines.....				94,000	205,000	18,722.60
Total, Bureau of Agricultural and Industrial Chemistry.....	5,166,000	4,475,000	4,752,361.00	5,144,000	4,855,000	4,292,987.10
Bureau of Human Nutrition and Home Economics: Salaries and expenses.....	917,000	850,000	806,630.00	900,000	870,000	643,052.05
Miscellaneous:						
Working fund.....				65,000	340,000	<sup>a</sup> 112,707.62
Emergency dehydration investigations.....						12.23
Transferred from: Removal and reestablishment of Arlington Farm, Va.....						1,353.69
Total, miscellaneous.....				65,000	340,000	<sup>a</sup> 111,341.70
Total, Agricultural Research Administration.....	52,415,900	44,061,183	48,513,439.00	41,018,400	37,982,200	36,399,852.17
White pine blister rust control.....	7,000,000	2,923,867	2,264,026.00	5,800,000	2,550,000	2,095,380.04
<b>Forest Service:</b>						
Salaries and expenses.....	25,788,000	20,333,000	23,278,794.00	25,000,000	20,400,000	22,254,345.21
Forest-fire cooperation.....	8,300,000	7,300,000	6,300,000.00	8,000,000	7,000,000	6,487,709.22
Farm and other private forestry cooperation.....	771,500	732,500	781,466.00	735,000	690,000	692,925.73
Forest-fire control.....						8,776.79
Acquisition of lands from forest receipts (receipt limitation).....	392,000			200,000		
Acquisitions of lands for national forests.....				1,800,000	6,000	62,404.73
Acquisition of lands for protection of watersheds of navigable streams.....	3,000,000		75,000.00			5,140.53
New England hurricane damage.....						1.65
Emergency relief, Federal construction projects, transfer from W. P. A.....						<sup>a</sup> 36.74
Working fund.....				63,800	832,000	1,027,279.31
Working fund, Emergency Management.....						2,761.80
Transferred from: Salaries and expenses, Office for Emergency Management.....						20.58
Permanent appropriations:						
Payments to States and Territories from the national forests fund (special account).....	3,900,000	4,001,000	4,005,437.97	3,900,000	4,001,000	4,138,652.60
Payment to school funds, Arizona and New Mexico, national forests fund (indefinite).....	40,000	40,000	38,476.35	40,000	40,000	38,476.35

<sup>a</sup> Excess of credits, deduct.<sup>b</sup> Excludes reappropriations shown in table 6.

TABLE 5—Continued  
 APPROPRIATIONS AND EXPENDITURES OF GENERAL AND SPECIAL ACCOUNTS—Continued

Organization unit and appropriation title	APPROPRIATIONS			EXPENDITURES		
	Recommended, 1947	Actual, 1946	Actual, 1945	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>DEPARTMENT OF AGRICULTURE—Continued</b>						
<b>Farm Credit Administration—Continued</b>						
Special accounts:						
Administrative expenses and refunds.....				\$2,771,700	\$2,960,000	\$2,730,409.34
Emergency crop production loan funds.....						235.64
Supervisory expense funds, Regional Agricultural Credit Corporations.....				34,000	41,700	41,325.00
Special deposit account: Regional Agricultural Credit Corporations, emergency expenditures (R. F. C.).....				° 566,000	° 1,305,700	34,997,529.04
Total, Farm Credit Administration.....	\$5,584,000	° \$526,000	\$626,321.00	° 20,873,300	° 41,754,000	26,795,669.84
<b>Miscellaneous:</b>						
Emergency fund for the President, national defense, allotment to Agriculture.....				36,000	70,200	681,400.66
Emergency relief, Agriculture.....						° 26.18
Transferred from:						
Cooperation with the American Republics, Department of State.....				1,000,000	952,000	802,373.95
Flood control, general.....				2,500,000	863,700	122,759.49
Expenses, disposal agencies, Surplus Property Administration.....				800,000	4,800,000	
Emergency conservation fund, War.....						° 194.17
Ordnance service and supplies, Army.....						85.20
Claims, judgments, and private relief acts.....			103,110.10			41,109.74
Working fund, general.....				82,000	302,000	° 298,195.04
Working fund, Emergency Management.....						2,726.37
Total, miscellaneous.....			103,110.10	4,418,000	6,987,900	1,352,040.02
Total, Department of Agriculture.....	721,460,282	749,893,856	720,137,057.12	1,594,223,737	2,014,808,873	1,862,434,047.35

° Excess of credits, deduct.



TABLE 6  
REAPPROPRIATIONS OF UNOBLIGATED BALANCES OF GENERAL AND SPECIAL ACCOUNTS <sup>1</sup>

*By organization unit and appropriation title*

[For the fiscal years 1947, 1946, and 1945]

Organization unit and appropriation title <sup>2</sup>	REAPPROPRIATIONS		
	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>LEGISLATIVE BRANCH</b>			
<b>Library of Congress:</b>			
Security of collections.....			\$29,283
<b>THE JUDICIARY</b>			
<b>United States Supreme Court:</b>			
Preparation of rules for criminal proceedings.....	\$7,123	\$14,377	21,000
Preparation of rules for civil procedure.....	4,461	13,355	6,234
Total, The Judiciary.....	11,584	27,732	27,234
<b>EXECUTIVE OFFICE OF THE PRESIDENT AND INDEPENDENT OFFICES</b>			
<b>Emergency funds appropriated to the President:</b>			
<i>Emergency fund for the President, national defense</i> .....	5,000,000	69,095,375	99,617,998
<i>Emergency fund for the President, defense housing, temporary shelter</i> .....			64,250
<i>Foreign war relief</i> .....		2,150,000	5,657,000
<i>Defense aid (lend-lease)</i> .....		1,770,931,000	4,223,701,305
<b>Civil Service Commission:</b>			
Panama Canal construction annuity fund.....		39,843	
<b>National Mediation Board:</b>			
Arbitration and emergency boards.....			10,012
<b>Tennessee Valley Authority:</b>		12,087,740	38,642,875
<b>United States Employees' Compensation Commission:</b>			
Salaries and expenses.....		118,390	272,480
Employees' compensation fund.....		1,872,644	3,137,546
Total, Executive Office of the President and independent offices.....	5,000,000	1,856,294,992	4,371,103,466
<b>FEDERAL SECURITY AGENCY</b>			
<b>Office of Education:</b>			
<i>Education and training, defense workers (national defense)</i> .....			46,100,000
<b>Office of the Administrator:</b>			
<i>Expenses of liquidation, National Youth Administration</i> .....			78,000
Total, Federal Security Agency.....			46,178,000
<b>FEDERAL WORKS AGENCY</b>			
<b>Office of the Administrator:</b>			
Liquidation of Public Works Administration.....		8,454,163	9,000,000
Public Works Administration, act of 1938.....		36,386	85,000
Total, Federal Works Agency.....		8,490,549	9,085,000
<b>NATIONAL HOUSING AGENCY</b>			
<b>Office of the Administrator:</b>			
<i>National defense housing, temporary housing</i> .....			7,500,000
<b>Federal Public Housing Authority:</b>			
Annual contributions.....	<sup>3</sup> 2,400,000	2,841,754	2,064,054
Total, National Housing Agency.....	2,400,000	2,841,754	9,564,054
<b>DEPARTMENT OF AGRICULTURE</b>			
<b>Agricultural Research Administration:</b>			
<b>Bureau of Animal Industry:</b>			
Salaries and expenses.....		800,000	343,959
Eradication of foot-and-mouth and other contagious diseases of animals.....	305,000	305,000	305,000
<b>Emergency rubber project</b> .....		4,253,662	3,020,985
<b>Production and Marketing Administration:</b>			
Parity payments (reappropriation to Conservation and use of agricultural land resources, Department of Agriculture).....		13,000,000	
Exportation and domestic consumption of agricultural commodities—permanent annual appropriation.....	88,000,000		
Administration of Federal Crop Insurance Act.....		3,350,000	3,350,000
<b>Farm Security Administration:</b>			
Loans and grants to farmers, 1945 flood damage, 1946.....		2,198,000	12,833,323
<b>Rural Electrification Administration:</b>			
Salaries and expenses.....		331,965	
Total, Department of Agriculture.....	88,305,000	24,238,627	19,853,267

<sup>1</sup> This table is explained in appendix 1.

<sup>2</sup> Appropriation titles in italics are classified as "national defense."

<sup>3</sup> The Government Corporation Control Act, Public Law 248, approved Dec. 6, 1945, requires each wholly owned Government corporation to submit annually to the President for transmittal to the Congress a budget program or plan of operations. Because of the lateness of the passage of the act, the 1947 budget programs of the corporations will be submitted to the Congress in the spring as a supplement to the regular Budget. Consequently, this amount is a tentative figure.

TABLE 8  
RESCISSIONS OF APPROPRIATIONS AND CONTRACT AUTHORIZATIONS<sup>1</sup>

*By organization unit and appropriation title*

[For the fiscal years 1947, 1946, and 1945]

Organization unit and appropriation title <sup>2</sup>	Estimated, 1946	Actual, 1945
<b>APPROPRIATIONS</b>		
<b>Executive Office of the President:</b>		
War agencies.....		\$53,622,000
<b>Independent offices:</b>		
Civil Service Commission:		
Salaries and expenses.....		375,000
Salaries and expenses (national defense).....		75,000
General Accounting Office: Salaries.....		4,000,000
Interstate Commerce Commission: Salaries and expenses, emergency.....		55,000
United States Maritime Commission: Construction fund, act of June 29, 1936, revolving fund.....		3,100,000,000
<b>Federal Security Agency:</b>		
Office of Education: Education and training, defense workers (national defense).....		5,000,000
Public Health Service: Emergency health and sanitation activities (national defense).....		800,000
<b>Federal Works Agency:</b>		
Public Buildings Administration: Emergency safeguarding of public buildings and property.....		6,400,000
<b>Department of Agriculture:</b>		
Salaries and expenses, War Food Administration.....		2,000,000
<b>Department of Commerce:</b>		
Office of Surplus Property: Federal property utilization program.....		3,000,000
<b>Department of the Interior:</b>		
Office of Fishery Coordinator: Salaries and expenses.....		25,000
War Relocation Authority: Salaries and expenses.....		1,500,000
Solid Fuels Administration for War: Salaries and expenses.....		850,000
<b>Bureau of Mines:</b>		
Enforcement of Federal Explosives Act.....		35,000
Construction and equipment of helium plants (national defense).....		500,000
Protection of mineral resources and facilities (national defense).....		95,000
Manganese beneficiation pilot plants and research (national defense).....		100,000
Production of alumina from low-grade bauxite, aluminum clays and alunite (national defense).....		185,000
Investigation of bauxite and alunite ores and aluminum clay deposits (national defense).....		187,000
Manganese pilot plants and research (national defense).....		90,000
Reduction in zinc concentrates with methane gas (national defense) (no year).....		75,000
Government in the Territories: Emergency fund, Territories and island possessions (national defense).....		4,000,000
<b>Department of Justice:</b>		
Legal activities and general administration:		
Salaries, Crimes Division.....		200,000
Salaries and expenses, Lands Division.....		375,000
Salaries and expenses, War Division.....		85,000
Federal Bureau of Investigation: Salaries and expenses, detection and prosecution of crimes, emergency.....		6,400,000
<b>Treasury Department:</b>		
Office of the Secretary: Loan to District of Columbia for black-out expenses (no year).....		100,000
Foreign Funds Control: Salaries and expenses.....		1,000,000
Bureau of the Public Debt: Salaries and expenses.....		550,000
Office of the Treasurer of the United States: Salaries.....		440,000
<b>Amount included in H. R. 4407 as passed by Congress:</b>		
National defense.....	\$47,570,755,898	
Other.....	8,986,974	
<b>Recommended pursuant to Second Deficiency Appropriation Act, 1945:</b>		
National defense.....	5,750,891,483	
Other.....	537,000	
Total, rescissions of appropriations.....	53,331,171,355	3,192,119,000
<b>APPROPRIATIONS TO LIQUIDATE CONTRACT AUTHORIZATIONS</b>		
<b>United States Maritime Commission:</b>		
Construction fund, act of June 29, 1936, revolving fund.....		3,100,000,000
<b>Amount included in H. R. 4407 as passed by Congress:</b>		
National defense.....	1,447,565,176	
<b>Recommended pursuant to Second Deficiency Appropriation Act, 1945:</b>		
National defense.....	1,149,620,000	
Total, appropriations to liquidate contract authorizations (national defense).....	2,597,185,176	3,100,000,000
<b>CONTRACT AUTHORIZATIONS</b>		
<b>United States Maritime Commission:</b>		
Construction fund, act of June 29, 1936, revolving fund.....		4,265,000,000
<b>Navy Department:</b>		
Amount included in H. R. 4407 as passed by Congress:		
National defense.....	4,213,231,473	
<b>Recommended pursuant to Second Deficiency Appropriation Act, 1945:</b>		
National defense.....	420,079,000	
Total, contract authorizations (national defense).....	4,633,310,473	6,265,000,000

<sup>1</sup> This table is explained in appendix 1.

<sup>2</sup> Appropriation titles in italics are classified as "national defense."



TABLE 9

NET EXPENDITURES OF GOVERNMENT CORPORATIONS AND CREDIT AGENCIES <sup>1</sup>*From checking accounts with the Treasurer of the United States* <sup>2</sup>

[For the fiscal years 1947, 1946, and 1945]

Classification	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>National defense activities (net):</b>			
Reconstruction Finance Corporation .....	<sup>a</sup> \$1,000,000,000	\$200,000,000	\$472,033,180.28
<b>International finance (net):</b>			
Export-Import Bank of Washington .....	1,000,000,000	<sup>4</sup> 275,000,000	<sup>a</sup> 164,811.36
Reconstruction Finance Corporation .....		<sup>5</sup> <sup>a</sup> 174,000,000	
Total, international finance (net) .....	1,000,000,000	101,000,000	<sup>a</sup> 164,811.36
<b>Redemption of obligations in the market (net):</b>			
Guaranteed by United States:			
Commodity Credit Corporation .....	<sup>a</sup> 25,000,000	10,000,000	434,045,722.88
Federal Farm Mortgage Corporation .....		7,000,000	35,083,700.00
Federal Housing Administration .....	2,000,000	3,000,000	3,759,450.00
Federal Public Housing Authority .....			58,000.00
Home Owners' Loan Corporation .....		15,000,000	803,027,350.00
Reconstruction Finance Corporation .....			157,000.00
Not guaranteed by United States:			
Federal home loan banks .....	<sup>a</sup> 10,000,000	<sup>a</sup> 5,000,000	8,000,000.00
Federal land banks .....	100,000,000	200,000,000	268,583,700.00
Home Owners' Loan Corporation .....			18,625.00
Total, redemption of obligations in the market (net) .....	67,000,000	230,000,000	1,552,733,547.88
<b>Other activities (net):</b>			
Commodity Credit Corporation .....	<sup>3</sup> 750,000,000	<sup>3</sup> <sup>a</sup> 150,000,000	470,827,124.45
Federal Housing Administration .....			<sup>a</sup> 5,362,285.67
Federal Public Housing Authority .....	30,000,000	15,000,000	11,667,460.25
Home Owners' Loan Corporation .....	<sup>a</sup> 175,000,000	<sup>a</sup> 250,000,000	<sup>a</sup> 323,452,592.78
Reconstruction Finance Corporation .....	275,000,000	174,000,000	<sup>a</sup> 288,208,497.96
Rural Electrification Administration .....			<sup>a</sup> 2,553,194.95
Other agencies .....	<sup>a</sup> 145,000,000	<sup>a</sup> 255,000,000	<sup>a</sup> 709,136,796.03
Total, other activities (net) .....	735,000,000	<sup>a</sup> 466,000,000	<sup>a</sup> 846,218,782.69
Total, net expenditures from checking accounts .....	802,000,000	65,000,000	1,178,383,134.11

<sup>a</sup> Excess of credits, deduct.<sup>1</sup> This table is explained in appendix 1.

<sup>2</sup> The Government Corporation Control Act, Public Law 248, approved Dec. 6, 1945, requires each wholly owned Government corporation to submit annually to the President for transmittal to the Congress a budget program or plan of operations. Because of the lateness of the passage of the act, the 1947 budget programs of the corporations will be submitted to the Congress in the spring of 1946 as a supplement to the regular Budget. The amounts shown for 1947 and 1946 are tentative.

<sup>3</sup> Includes estimated receipts from appropriations for restoration of capital impairments of \$750,000,000 in 1947 and \$900,000,000 in 1946.

<sup>4</sup> Includes estimated receipts of \$825,000,000 for subscriptions to capital stock of Export-Import Bank.

<sup>5</sup> Represents receipts from sale of preferred stock of Export-Import Bank to the United States Treasury.

TABLE 10—Continued  
RECEIPTS OF TRUST ACCOUNTS—Continued

Source	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>Other trust accounts—Continued</b>			
Federal Works Agency:			
Public Roads Administration: Contributions from States, etc., cooperative work, strategic network of highways.....		\$20,000	\$98,225.00
Office of the Administrator:			
Proceeds, sale of materials acquired under scrap-collection program.....		40,000	23,163.36
Unclaimed moneys due creditors of contractors with the United States under a cost-plus-a-fixed-fee contract.....		3,500	4,938.27
Total, Federal Works Agency.....		63,500	126,326.63
National Housing Agency:			
Deposits, operation and maintenance of resettlement projects, Federal Public Housing Authority, act of Dec. 18, 1941 (55 Stat. §33).....	\$1,628,500	1,716,000	1,832,104.73
Deposits, unearned collections, title I, National Housing Act, as amended.....	75,000	200,000	389,332.96
Deposits, recoveries on real properties acquired under insurance granted prior to July 1, 1939, title I, National Housing Act.....	10,000	20,000	44,077.59
Deposits, reserve for maintenance and repair, lease and purchase agreements, Federal Public Housing Authority, act of June 26, 1934.....	3,000	5,000	8,259.13
Deposits toward purchase price, lease and purchase contracts, Federal Public Housing Authority, act of June 26, 1934.....	25,000	50,000	55,523.24
Total, National Housing Agency.....	1,741,500	1,991,000	2,329,297.65
Department of Agriculture:			
Forest Service: Cooperative fund.....	2,000,000	2,000,000	3,406,067.55
Production and Marketing Administration:			
Grain moisture content and grade determination for Commodity Credit Corporation, deposits by producers.....	1,771,029	750,000	740,669.15
Deposits, indemnity fund, county associations.....	10,000	10,000	14,164.58
Deposits of undistributed cotton price adjustment payments.....	500	500	533.62
Deposits of fees, inspection and grading of farm products.....	5,715,000	6,936,000	6,343,415.24
Deposits by producers, expenses, grading of agricultural commodities for Commodity Credit Corporation.....	675,000	660,000	716,000.00
Commodity stamp trust fund, transfers from general fund.....			* 18,105,953.25
Federal Surplus Commodities Corporation, proceeds from sale of hides.....			* 349,493.62
Farm Security Administration:			
Resettlement of rural rehabilitation projects, deposits.....	150,000	400,000	1,001,315.09
Assets of State rural rehabilitation corporations, deposits.....	6,000,000	6,500,000	9,020,187.12
Reserve for maintenance and repair, lease and purchase agreements, deposits.....		100	918.24
Deposits toward purchase price, lease and purchase contracts.....		5,000	77,005.62
Miscellaneous trust accounts:			
Deposits of miscellaneous contributed funds.....	100,000	100,000	132,021.10
Deposits, unearned fees and other charges, sec. 8a (4), Commodity Exchange Act.....	14,000	13,000	12,434.00
Deposits, unearned proceeds, lands, etc., Taylor Grazing Act.....			12.77
Deposits to secure payments for reproduction of photographs, mosaics, and maps.....	27,000	27,000	25,652.19
Total, Department of Agriculture.....	16,462,529	17,401,600	3,034,949.40
Department of Commerce:			
Bureau of the Census, deposits, special statistical work.....	180,000	180,000	192,554.76
Bureau of Foreign and Domestic Commerce, deposits, special statistical work.....	8,450	15,350	7,126.26
Patent Office, deposits, unearned fees.....	65,000	65,000	64,863.38
Weather Bureau, deposits, special statistical work.....		750	750.00
Total, Department of Commerce.....	253,450	261,100	265,294.40
Department of the Interior:			
Grazing Service:			
Contributions, grazing districts.....	75,000	75,000	72,803.95
Deposits, unearned proceeds, lands, etc., Grazing Service.....			11,638.28
General Land Office:			
Deposits, public survey work.....	10,000	10,000	6,771.87
Trustee funds, Alaska town sites.....	2,000	2,000	747.83
Deposits, unearned proceeds, lands, etc.....	1,343,070	1,343,070	1,182,984.53
Bureau of Indian Affairs:			
Contributions of funds for Indian projects.....			9,549.27
Deposits, leases, etc., Pawnee Indian Agency and school reservices, Oklahoma.....	1,300	1,300	1,496.11
Interest on tribal funds.....	600,000	615,000	594,501.07
Interest on proceeds of labor.....	230,000	235,000	225,607.29
Proceeds of sales and leases of Indian lands, etc.....	4,500,000	4,240,000	4,238,959.75
Annette Islands reserve, Alaska, deposits, leases, etc.....	45,000	50,000	45,675.11
Proceeds of labor (act June 13, 1930).....	2,200,000	2,230,000	2,235,552.74
Proceeds of labor, Indian moneys, agencies, schools, etc.....	667,500	675,000	673,899.19
Puye Cliff Ruins, New Mexico, admission fees.....	400	300	350.00
Indian ceded lands, receipts due to Indians under Grazing Act, June 28, 1934.....			211.93

\* Excess of credits, deduct.

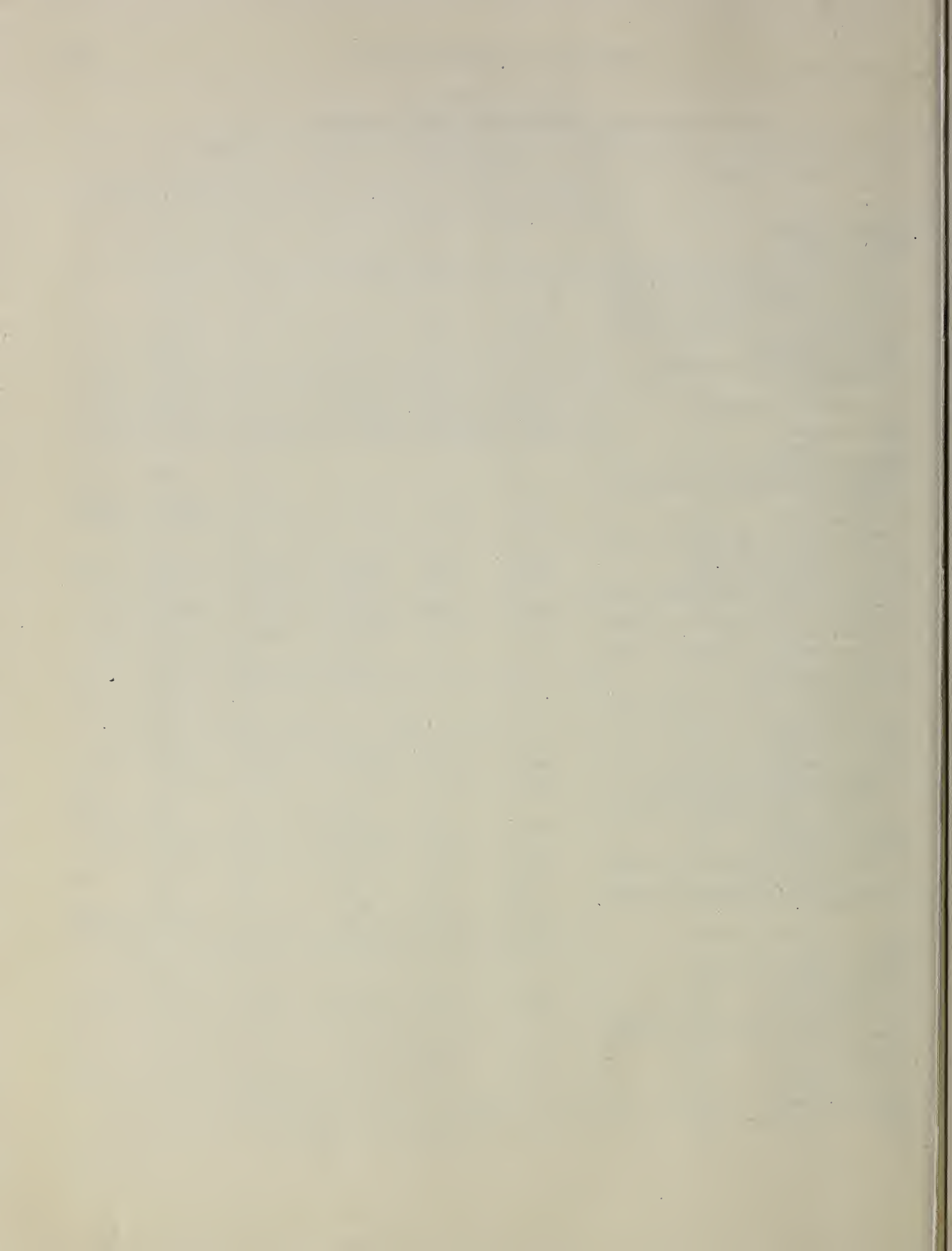


TABLE 11—Continued  
 APPROPRIATIONS AND EXPENDITURES OF TRUST ACCOUNTS—Continued

Fund and appropriation title	APPROPRIATIONS			EXPENDITURES		
	Recommended, 1947	Actual, 1946	Actual, 1945	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>Other trust accounts—Continued</b>						
Federal Works Agency:						
Office of the Administrator:						
Unclaimed moneys due creditors of contractors with the United States under cost-plus-a-fixed-fee contract.....		\$3,500	\$4,938.27		\$8,315	\$124.12
Work Projects Administration: Sale of material acquired under scrap collection program.....					447	73.54
Unclaimed moneys of individuals whose whereabouts are known.....	\$700	700	1,511.04			
Public Buildings Administration: Working fund.....					30,000	* 25,548.77
Public Roads Administration:						
Cooperative work, strategic network of highways.....		20,000	98,225.00		5,000	94,356.87
Working fund.....						* 20,373.32
Total, Federal Works Agency.....	700	24,200	104,674.31		43,762	48,632.44
National Housing Agency <sup>1</sup> .....	1,650,500	1,730,000	1,846,104.73	\$1,270,000	1,320,000	1,211,802.16
Department of Agriculture:						
Extension Service: Working fund.....					100	* 1,679.63
Agricultural Research Administration: Working fund.....				2,200	7,800	8,488.06
Forest Service:						
Cooperative work.....	2,000,000	2,000,000	3,406,067.55	2,500,000	2,500,000	2,258,451.03
Working fund.....					7,700	* 3,966.12
Production and Marketing Administration:						
Moisture content and grade determinations for Commodity Credit Corporation.....	1,771,029	750,000	740,669.15	5,800	4,200	1,158.66
Indemnity fund, county associations.....	10,000	10,000	14,164.58	8,800	13,700	1,356.22
Undistributed cotton price adjustment payments.....	500	500	533.62	500	470	25.51
Expenses and refunds, inspection and grading of farm products.....	5,715,000	6,936,000	6,343,415.24	5,900,000	6,500,000	4,624,526.55
Grading of agricultural commodities for Commodity Credit Corporation.....	675,000	660,000	716,000.00	800,000	750,000	614,747.56
Expenses, sale of hides, Surplus Commodities Corporation.....			54,783.87			229,734.95
Redemption of order stamps.....					220	16,200.92
Working fund (trust account).....				700	1,800	714.18
Working fund, Food Distribution Administration (trust account).....					400	4,318.80
Working fund, Office of Distribution (trust account).....					32,400	* 32,435.20
Farm Security Administration:						
Payments in lieu of taxes and for operation and maintenance of resettlement projects.....	150,000	400,000	1,001,315.09	300,000	800,000	1,397,358.28
State Rural Rehabilitation Corporation funds.....	6,000,000	6,500,000	9,020,187.12	8,600,000	10,000,000	6,329,989.44
Drainage district assessments on acquired lands.....						1,709.84
Liquidation of deposits, reserve for maintenance and repair, lease and purchase agreements.....		100	918.24		800	1,709.51
Liquidation of deposits, lease and purchase of contracts.....	60,000	150,000	99,976.46	65,000	220,000	66,939.14
Miscellaneous trust accounts:						
Miscellaneous contributed funds.....	100,000	100,000	132,021.10	150,000	250,000	399,325.76
Return of excess deposits for reproductions of photographs, mosaics, and maps.....	1,100	1,000	1,059.73	1,000	1,500	926.89
Unclaimed moneys of individuals whose whereabouts are known.....	200	200	230.25	100	100	25.23
Total, Department of Agriculture.....	16,482,829	17,507,800	21,531,342.00	18,334,100	21,091,190	15,919,625.58
Department of Commerce:						
Office of the Secretary: Working fund.....						* 85.15
Bureau of the Census:						
Special statistical work.....	186,600	134,000	180,000.00	180,000	160,000	165,400.27
Working fund.....						* 69,511.53
Office of Administrator of Civil Aeronautics: Working fund.....						12,303.55
Bureau of Foreign and Domestic Commerce: Special statistical work.....	8,450	15,576				8,710.61
Patent Office:						
Unearned fees.....	30,000	30,000	20,000.00	30,000	30,000	18,220.39
Working fund.....						* 3,520.41

\* Excess of credits, deduct.

<sup>1</sup> Detailed estimates of appropriation for 1947 will be submitted to the Congress in the spring of 1946. The amounts shown for 1947 are tentative.





## DEPARTMENT OF AGRICULTURE

### *Summary of estimates of appropriation for the fiscal year 1947, compared with appropriations for the fiscal year 1946*

[The 1947 Budget estimates make specific provision for additional costs made necessary by pay legislation enacted near the close of the fiscal year 1945. The 1946 appropriations did not make specific provision for any such costs and thus the appropriations shown below are not comparable with the 1947 estimates to whatever extent deficiency appropriations may be necessary to meet these added costs]

Bureau or subdivision	1947 Budget estimates	1946 appropriations	Increase (+) or decrease (-), 1947 estimates over 1946 appropriations
<b>GENERAL AND SPECIAL ACCOUNTS</b>			
<b>Annual appropriations:</b>			
Office of the Secretary .....	\$1,838,500	\$1,450,000	+\$388,500
Cost of handling penalty mail .....	3,186,000	3,238,740	-52,740
Office of the Solicitor .....	2,264,000	1,860,000	+404,000
Office of Information .....	1,723,500	1,453,000	+270,500
Library .....	552,000	467,900	+84,100
Bureau of Agricultural Economics .....	4,553,000	3,630,000	+923,000
Office of Foreign Agricultural Relations .....	650,000	500,000	+150,000
Extension Service .....	23,475,850	19,396,850	+4,079,000
<b>Agricultural Research Administration:</b>			
Office of the Administrator .....	460,500	285,200	+175,300
Special Research Fund .....	1,193,000	1,088,000	+105,000
Office of Experiment Stations .....	7,895,700	7,459,183	+436,517
Bureau of Animal Industry .....	19,224,000	15,639,900	+3,584,100
Bureau of Dairy Industry .....	1,011,000	742,300	+268,700
Bureau of Plant Industry, Soils, and Agricultural Engineering .....	7,047,700	5,193,900	+1,853,800
Bureau of Entomology and Plant Quarantine .....	6,701,000	5,627,700	+1,073,300
Control of emergency outbreaks of insects and plant diseases .....	2,800,000	2,700,000	+100,000
Bureau of Agricultural and Industrial Chemistry .....	5,166,000	4,475,000	+691,000
Bureau of Human Nutrition and Home Economics .....	917,000	850,000	+67,000
White pine blister rust control .....	7,000,000	2,923,867	+4,076,133
Forest Service .....	38,251,500	28,365,500	+9,886,000
Forest roads and trails .....	36,214,222	9,918,778	+26,295,444
Emergency rubber project .....	(4)	(4)	
Soil Conservation Service .....	38,078,000	29,754,300	+8,323,700
Land utilization and retirement of submarginal land .....	1,453,000	1,037,300	+365,700
Water conservation and utilization projects .....	700,000	1,165,066	-465,066
<b>Production and Marketing Administration:</b>			
Conservation and use of agricultural land resources .....	270,000,000	342,658,000	-72,658,000
Sugar Act .....	55,000,000	48,446,000	+6,554,000
Marketing Services .....	9,487,100	6,552,400	+2,934,700
War Food Administration: Salaries and expenses .....		14,986,472	-14,986,472
Supply and distribution of farm labor .....	(4)	25,000,000	-25,000,000
<b>Farm Security Administration:</b>			
Loans, grants, and rural rehabilitation .....	24,000,000	22,357,264	+1,642,736
Farm tenancy: Salaries and expenses .....	2,804,000	2,500,000	+304,000
Water facilities, arid and semiarid areas .....	1,000,000	1,000,000	
Rural Electrification Administration: Salaries and expenses .....	5,000,000	3,850,000	+1,150,000
Farm Credit Administration: Salaries and expenses .....	7,584,000	526,000	+58,000
Farmers' crop production and harvesting loans .....	5,000,000	(10)	+5,000,000
<b>Total, annual appropriations .....</b>	<b>585,230,572</b>	<b>617,148,620</b>	<b>-31,918,048</b>

<sup>1</sup> In addition, balance of \$800,000 reappropriated.

<sup>2</sup> Balance of \$4,253,662 reappropriated.

<sup>3</sup> In addition, \$13,000,000 of the balance of 1944 appropriation for "Parity payments" reappropriated.

<sup>4</sup> The 1946 appropriation for this item, plus prior year balances, available to Dec. 31, 1946 (calendar year appropriation).

<sup>5</sup> In addition, balance of \$198,000 reappropriated.

<sup>6</sup> In addition, balance of \$331,965 reappropriated.

<sup>7</sup> In addition, \$4,569,300 available from "Farmers' crop production and harvesting loans."

<sup>8</sup> In addition, \$3,845,209 available from "Farmers' crop production and harvesting loans."

<sup>9</sup> In addition, balances of \$5,336,063 continued available; collections of principal and interest of \$18,118,000 also available.

<sup>10</sup> Balances of \$11,058,277 continued available; collections of principal and interest of \$16,663,000 also available.

*Summary of estimates of appropriation for the fiscal year 1947, compared with appropriations for the fiscal year 1946—Continued*

Bureau or subdivision	1947 Budget estimates	1946 appropriations	Increase (+) or decrease (—), 1947 estimates over 1946 appropriations
<b>GENERAL AND SPECIAL ACCOUNTS—Continued</b>			
Permanent appropriations:			
Extension Service.....	\$4,704,710	\$4,704,710	-----
Forest Service.....	5,500,000	5,641,000	—\$141,000
Payments to counties from submarginal-land program, Farm Tenant Act.....	145,000	140,000	+5,000
Exportation and domestic consumption of agricultural commodities.....	<sup>11</sup> 118,000,000	114,274,626	+3,725,374
Total, permanent appropriations.....	128,349,710	124,760,336	+3,589,374
Total, general and special accounts, Department of Agriculture.....	713,580,282	741,908,956	—28,328,674
<b>CREDIT AGENCY ACCOUNTS—LIMITATIONS ON CERTAIN LOANS</b>			
Loans from Reconstruction Finance Corporation:			
Farm Security Administration:			
Loans, grants, and rural rehabilitation.....	\$67,500,000	\$67,500,000	-----
Farm tenancy.....	50,000,000	50,000,000	-----
Rural Electrification Administration:			
Loans and purchase of property.....	250,000,000	200,000,000	+\$50,000,000
Total, loans from Reconstruction Finance Corporation.....	367,500,000	317,500,000	+\$50,000,000
<b>TRUST ACCOUNTS</b>			
Cooperative work, Forest Service.....	\$2,000,000	\$2,000,000	-----
Production and Marketing Administration:			
Moisture content and grade determinations.....	1,771,029	750,000	+\$1,021,029
Indemnity fund, county associations.....	10,000	10,000	-----
Undistributed cotton price adjustment payments.....	500	500	-----
Expenses and refunds, inspection and grading of farm products.....	5,715,000	6,936,000	—1,221,000
Grading of agricultural commodities.....	675,000	660,000	+15,000
Farm Security Administration:			
Payments in lieu of taxes and for operation and maintenance of resettlement projects.....	150,000	400,000	—250,000
State rural rehabilitation corporation funds.....	6,000,000	6,500,000	—500,000
Liquidation of deposits, reserve for maintenance and repair, lease and purchase agreements.....		100	—100
Liquidation of deposits, lease and purchase contracts.....	60,000	150,000	—90,000
Miscellaneous contributed funds.....	100,000	100,000	-----
Return of excess deposits for reproduction of photographs, mosaics, and maps.....	1,100	1,000	+100
Unclaimed moneys of individuals whose whereabouts are known.....	200	200	-----
Total, trust accounts.....	16,482,829	17,507,800	—1,024,971

<sup>11</sup> In addition, balances of \$38,000,000 reappropriated.

### EXPLANATORY STATEMENT

#### GENERAL STATEMENT

The Department of Agriculture is charged with the responsibility for carrying on activities and programs concerned with agricultural research, credit, production, processing, and distribution in the United States and its possessions, and for the relationship of such activities and programs to those of other countries.

The demand for farm products will continue to be strong during the coming fiscal year. Not only will domestic consumption be at a high level, particularly if we are successful in maintaining a high national income, but foreign needs will be large. It is currently estimated that from 8 to 10 percent of the total United States food production may be exported in the calendar year 1946.

The special services of the former War Food Administration have been either discontinued or reincorporated in the Department of Agriculture. The continuing activities have been realigned chiefly along commodity lines in the new Production and Marketing Administration. The administrative services and programs now contemplated for 1947 are those which are essential for the maintenance of peacetime agricultural functions and the provision of an adequate supply of food and other agricultural commodities with a fair return to American farmers.

To carry out these objectives, appropriations aggregating \$713.6 million from general and special accounts are recommended for fiscal year 1947, as compared to \$717 million for 1946, exclusive of the calendar year appropriations for the farm labor supply program. An increase



of \$50 million in authority to borrow from the Reconstruction Finance Corporation is recommended for self-liquidating loans.

#### ADMINISTRATION AND SERVICE

This classification includes the Office of the Secretary and the staff offices. These offices, which provide essential services for the entire Department, include the Office of the Solicitor, Information, Personnel, Budget and Finance, Plant and Operations, and the Library. Included also are the Bureau of Agricultural Economics, the central economic research and statistical agency of the Department, and the Office of Foreign Agricultural Relations.

Postwar readjustment problems, the restoration of certain peacetime activities, and increases in certain agricultural programs have imposed added burdens at this level, and in the field of foreign agricultural relations it is necessary to develop information to serve as a basis for working out our international policies and cooperation. Substantive increases for these purposes of \$1 million have been recommended.

#### AGRICULTURAL RESEARCH, DISEASE, AND INSECT CONTROL

Included under this classification are the constituent agencies of the Agricultural Research Administration, the research activities of the Forest Service and the Soil Conservation Service, and the white pine blister rust control program.

Recognition has been given to the general curtailment of peacetime research activities during the war period, and increases are recommended for 1947 to restore in whole or in part those peacetime research projects which are considered most vital to our future economy. Among the increases proposed are funds for investigations in antibiotics, intensification of work on corn borer, studies of virus diseases affecting stone and citrus fruits, restoration of research in floriculture and ornamental plants to a prewar level, research on ways and means of increasing the production of legume seeds, and the raising of grants to States to the authorized maximum for State experiment stations. Allowance for an agricultural research program for Alaska also is recommended.

Increases are recommended for certain disease- and insect-control programs, including the eradication of tuberculosis and Bang's disease in animals; eradication of white pine blister rust; and control of the pink bollworm and gypsy moth.

#### EXTENSION ACTIVITIES

Grouped under this head are the appropriations for (1) the activities of the Extension Service, including grants to States; (2) technical assistance to soil conservation districts; (3) farm forestry; and (4) the programs of the Agricultural Adjustment Administration. Budget estimates for the fiscal year 1947 reflect a net reduction of approximately \$60 million, comprised principally of the elimination of the wartime flax production incentive project and other nonrecurring items and a decrease in the appropriation for the AAA conservation program, offset in part by an increase for Soil Conservation Service operations and an increase in grants to States for cooperative agricultural extension work. The decrease in Federal funds for the AAA conservation program is premised on progress being made in obtaining greater acceptance of

soil conservation practices by farmers and an increased sharing by them in the costs of these practices, so that the over-all program may continue at or above the current level.

#### PRODUCTION AND MARKETING

An increase of \$13.1 million is recommended for production and marketing activities, comprised of increases of \$6.5 million for administration of the Sugar Act, \$2.9 million for marketing services and regulatory work, and \$3.7 million for exportation and domestic consumption of agricultural commodities. Funds are provided to continue meat inspection at about the present level.

Estimates for the Commodity Credit Corporation and the Federal Crop Insurance Corporation will be presented to the Congress as amendments to the Budget for 1947 in accordance with the provisions of Public Law 248, Seventy-ninth Congress, approved December 6, 1945.

#### PUBLIC LAND AND FOREST MANAGEMENT

Under this head are grouped the activities and functions of the Forest Service (excluding research and farm forestry), Forest Roads and Trails, Land Utilization and Retirement of Submarginal Land, Water Conservation and Utilization projects, and Payments to States and school funds of certain percentages of receipts from national forest and land-utilization projects.

Budget estimates for 1947 provide for increased expenditures under this head for forest highway construction and road development which heretofore have been authorized. Provision has been made for renewal of the acquisition of lands for national forests, a program suspended during the war period. Increases also have been recommended for the protection and management of the national forests, the further development of land utilization projects, and for forest fire cooperation.

#### CREDIT ACTIVITIES

Under this category are included appropriation items and loan authorizations for the Farm Security Administration, Farm Credit Administration, Rural Electrification Administration, and water facilities and farmers' crop production loans.

Authorizations to borrow loan funds from the Reconstruction Finance Corporation have been increased from \$317.5 million to \$367.5 million, reflecting an increase of \$50 million in loan funds for the Rural Electrification Administration and maintenance of the existing level for rehabilitation and farm tenancy loans administered by the Farm Security Administration. The appropriations recommended provide for continuance of water facilities and farmers' crop production loans at the same level as in 1946.

The estimate for administrative expenses of the Rural Electrification Administration has been increased to reflect the increased loan authorization and growing balance of loans outstanding. Provision has been made to carry on the programs of the Farm Security Administration and the Farm Credit Administration in 1947 at about the 1946 level.

An estimate for the Federal Farm Mortgage Corporation will be presented to the Congress as an amendment to the Budget for 1947 in accordance with the provisions of Public Law 248, Seventy-ninth Congress, approved December 6, 1945.



## ESTIMATES OF APPROPRIATIONS

## OFFICE OF THE SECRETARY

## SALARIES AND EXPENSES

## Salaries and Expenses, Office of Secretary of Agriculture—

For the Secretary of Agriculture, hereafter in this Act referred to as the Secretary, and other personal services in the Office of the Secretary in the District of Columbia, and elsewhere, and other necessary expenses, including the purchase of one and the maintenance, repair, and operation of four motor-propelled passenger-carrying vehicles; travel expenses, including examination of estimates for appropriations in the field; stationery, supplies, materials, and equipment; freight, express, and drayage charges; advertising, communication service, postage, washing towels, repairs and alterations, and other miscellaneous supplies and expenses not otherwise provided for and necessary for the practical and efficient work of the Department, \$1,450,000 of Agriculture, hereafter in this Act referred to as the Department, \$1,838,500, together with such amounts from other appropriations or authorizations as are provided in the schedules in the Budget for the current fiscal year for such services and expenses, which several amounts or portions thereof as may be determined by the Secretary, not exceeding a total of \$1,313,390, \$79,480, shall be transferred to and made a part of this appropriation: *Provided, however*, That if the total amounts of such appropriations or authorizations for the current fiscal year shall at any time exceed or fall below the amounts estimated, respectively, therefor in the Budget for such year, the amounts transferred or to be transferred therefrom to this appropriation shall be increased or decreased in such amounts as the Director of the Bureau of the Budget, after a hearing thereon with representatives of the Department of Agriculture, hereafter in this Act referred to as the Department, shall determine are appropriate to the requirements as changed by such reductions or increases in such appropriations or authorizations: *Provided further*, That, of appropriations herein made which are available for the purchase of lands, not to exceed \$1 may be expended for each option to purchase any particular tract or tracts of land: *Provided further*, That no part of the funds appropriated by this Act shall be used for the payment of any officer or employee of the Department who, as such officer or employee, or on behalf of the Department or any division, commission, or bureau thereof, issues, or causes to be issued, any prediction, oral or written, or forecast, except as to damage threatened or caused by insects and pests, with respect to future prices of cotton or the trend of same: *Provided further*, That, except to provide materials required in or incident to research or experimental work where no suitable domestic product is available, no part of the funds appropriated by this Act shall be expended in the purchase of twine manufactured from commodities or materials produced outside of the United States. (5 U. S. C. 511-517; secs. 511-512, establishing the Department of Agriculture, which was implemented by the Act of July 24, 1919 (5 U. S. C. 563-564), apply to all appropriation items of the Department which are not based upon specific legislative authority either incorporated in the language of the item or cited immediately thereunder; 520a, 542, 543b; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,838,500

Appropriated 1946, \$1,450,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Clerical, administrative, and fiscal service:						
Grade 16. In excess of \$9,800:						
Secretary of Agriculture	1	\$15,000	1	\$15,000	1	\$15,000
Under Secretary of Agriculture	1	10,000	1	10,000	1	10,000
Grade 15. Range \$8,750 to \$9,800:						
Assistant Secretary of Agriculture	1	9,800	1	9,800	1	8,708
Assistant to the Secretary	6	55,650	3	26,250	2	15,822
Director of finance and budget officer	1	9,800	1	9,800	1	9,000
Director of personnel	1	9,275	1	9,205	1	8,250
Grade 14. Range \$7,175 to \$8,225:						
Assistant director of finance	3	22,051	3	21,919	3.2	20,890
Assistant director of personnel	2	15,400	2	15,129	2	13,437
Assistant to the Secretary	5	36,138	2	14,350	1.3	8,606
Chief, office of plant and operations	1	7,438	1	7,438	1	6,500
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer	4	25,130	1	6,440		
Assistant chief, office of plant and operations	1	6,230	1	6,230	0.4	2,100
Assistant to director of personnel	2	12,880	2	12,856	2	11,200
Budgetary examiner	4	25,600	3.9	24,977	5.1	29,088
Chief, communications division	1	6,440	1	6,408	1	5,600
Chief, division of accounting	1	6,440	1	6,408	1	5,600
Chief, division of audit	1	6,230	1	6,230	0.3	1,944
Chief, division of classification	1	6,440	1	6,440	1	5,600
Chief, division of corporate fiscal service	1	6,230	1	6,230	0.4	2,333

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL—con.</b>						
Clerical, administrative, and fiscal service—Continued						
Grade 13. Range \$6,230 to \$7,070—Con.						
Chief, division of employment	1	\$6,440	1	\$6,440	1	\$5,600
Chief, division of estimates and allotments	1	6,440	1	6,440	1	5,600
Chief, division of fiscal management	1	6,560	1	6,699	1	5,950
Chief, division of investigations	1	7,070	1	6,957	1	6,200
Chief, division of organization and personnel management	1	6,560	1	6,699	1	5,950
Chief, division of personnel relations and safety	1	6,440	1	6,440	1	5,600
Chief, division of purchase, sales, and traffic	1	6,440	1	6,440	1	5,600
Chief, division of training	1	6,650	1	6,488	1	5,750
Chief, equipment and engineering services division	1	6,650	1	6,650	1	5,800
Training specialist					0.4	2,100
Grade 12. Range \$5,180 to \$6,020:						
Accountant	1	6,020	1	6,020	0.1	750
Administrative analyst	3	15,540	3	15,540	2.3	10,733
Administrative officer	3	15,960	2	10,748	2.9	13,506
Assistant chief of division	2	10,727	2.8	14,872	3.3	15,327
Assistant to director of personnel	1	5,180	1	5,180	0.6	2,651
Auditor	1	5,180	0.9	4,662		
Chief of section	18	96,914	18.7	100,106	15.2	71,503
Chief, real estate division	1	5,390	1	5,342	1	4,600
Employee relations officer	1	5,390	1	5,390	1	4,600
Investigator	1	5,390	1	5,349	1	4,600
Organization and management analyst	3	16,800	3	16,759	2.7	12,500
Training specialist					0.1	575
Grade 11. Range \$4,300 to \$5,180:						
Administrative analyst	1	4,520	1	4,359	1.4	5,466
Administrative officer	9	40,900	11	49,328	6.6	25,678
Assistant chief of section	2	8,820	4	17,437	6.4	24,484
Chief of section	5	23,700	6	27,742	6.2	25,154
Fiscal inspector	3	13,560	3	13,179	3	11,357
Investigator	6	27,615	7	31,526	4.7	18,800
Organization and management analyst					0.8	3,011
Records management and procedure analyst	1	4,300	1	4,300	0.3	950
Secretary to the Secretary	1	4,300	0.9	3,804		
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer	1	4,080	1	4,080	1	3,500
Chief of division	1	4,080	1	4,080	1	3,500
Chief of section	1	4,080	1	4,080	1	3,500
Investigator	1	4,190	1	4,190	3.2	11,825
Records management and procedure analyst					0.8	2,625
Grade 9. Range \$3,640 to \$4,300:						
Accountant	1	3,750	1	3,733	0.3	800
Administrative analyst	1	3,750	1	3,703	2	6,650
Administrative assistant	15	56,113	15	55,791	17	54,860
Chief of section	3	11,278	3	11,104	1.6	5,327
Classification investigator	1	3,750	1	3,716	0.5	1,707
Equipment specialist	1	3,750	1	3,750	1	3,200
Fiscal inspector	2	7,418	3	11,100	3.1	9,911
Investigator	3	11,580	4	15,211	4.1	13,606
Organization and management analyst	1	3,750	1	3,737	1.1	3,458
Procedure analyst	1	3,750	1	3,703	1.6	5,212
Records management and procedure analyst	2	7,500	2	7,424	1.3	4,267
Secretary to the Secretary			0.1	445	1	3,300
Grade 8. Range \$3,310 to \$3,970:						
Grade 7. Range \$2,980 to \$3,640:	48.7	152,623	42.8	133,009	45.1	120,481
Grade 6. Range \$2,650 to \$3,310:	15	41,813	15	41,181	14.8	34,743
Grade 5. Range \$2,320 to \$2,980:	57	142,163	49.5	121,657	53	110,269
Grade 4. Range \$2,100 to \$2,496:	86	187,437	87	190,877	89.4	165,854
Grade 3. Range \$1,902 to \$2,298:	49	97,088	44.4	86,794	64.7	107,063
Grade 2. Range \$1,704 to \$2,100:	23	41,238	27	48,118	33.4	49,693
Grade 1. Range \$1,506 to \$1,902:	3	4,832	3	4,766	1.4	1,921
<b>Professional service:</b>						
Grade 8. Range \$8,750 to \$9,800:						
Agricultural economist	1	9,013	1	9,013	1	8,125
Executive officer	1	9,275	1	9,074	1	8,187
Grade 7. Range \$7,175 to \$8,225:						
Agricultural economist	2	15,663	2	15,663	1.9	12,984
Grade 6. Range \$6,230 to \$7,070:						
Agricultural economist	2	13,090	1	6,650	1	5,800
Cartographic engineer	1	6,440	1	6,440	0.4	2,175
Drainage engineer	1	6,650				
Engineer	1	6,650				
Examiner	1	6,440	1	6,440	1	5,600
Water utilization specialist	1	6,440				
Grade 5. Range \$5,180 to \$6,020:						
Engineer	2	10,990	2	10,828	1.8	8,250
Safety engineer	1	6,440	1	6,440	1	5,000
Grade 4. Range \$4,300 to \$5,180:						
Engineer	4	18,280	4	18,086	4	15,549
<b>Subprofessional service:</b>						
Grade 7. Range \$2,650 to \$3,310:						
Grade 5. Range \$2,100 to \$2,496:	1	2,760	1	2,760	1	2,300
Grade 4. Range \$1,902 to \$2,298:	1	2,166	1	2,156	0.9	1,585
Grade 3. Range \$1,704 to \$2,100:	1	1,968	1	1,968	1.1	1,828
<b>Crafts, protective, and custodial service:</b>						
Grade 5. Range \$1,968 to \$2,364:	2	4,332	2	4,332	2	3,600
Grade 4. Range \$1,770 to \$2,166:	5	9,164	4	7,818	3.9	5,941
Grade 3. Range \$1,572 to \$1,902:	16	26,142	15	24,275	16	21,293
Grade 2. Range \$1,440 to \$1,770:	12.5	19,123	11	16,976	17.6	21,943



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—con.</b>			
Department of Agriculture grades:			
Grade 26. Range \$8,750 to \$9,800:			
Assistant to the Secretary	2	\$17,500	
Total permanent, departmental	489.2		498.2
1,681,630		\$1,551,477	\$1,361,970
Part-time employment, departmental		0.3	630
W. A. E. employment, departmental	0.5	951	1.4
W. O. C. employment, departmental			0.9
Overtime pay, departmental		31,476	1
Night-work differential, departmental	500	500	239,691
All personal services, departmental	489.7	466.8	501.5
1,683,081		1,585,034	1,605,316
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer	7	31,200	7
31,183			5.8
Grade 7. Range \$2,980 to \$3,640			0.6
Grade 4. Range \$2,100 to \$2,496	7	15,030	7
Professional service:			5.4
Grade 7. Range \$7,175 to \$8,225:			9,752
Agricultural economist			0.1
921			
Total permanent, field	14	46,230	11.9
W. A. E. employment, field	1	4,300	34,348
W. O. C. employment, field	1	0	0.3
Overtime pay, field		951	1,251
6,324			1
All personal services, field	16	50,530	13.2
41,923			
01 Personal services (net)	505.7	482.8	514.7
1,733,611		1,636,373	1,647,239
<b>OTHER OBLIGATIONS</b>			
02 Travel	97,939	83,100	71,503
03 Transportation of things	6,800	6,750	7,412
04 Communication services	25,500	25,500	25,259
05 Rents and utility services	1,350	1,350	1,335
07 Other contractual services	36,200	35,400	41,744
08 Supplies and materials	10,700	10,000	10,249
09 Equipment	5,880	6,047	17,507
Total other obligations	184,369	168,147	175,009
Grand total obligations	1,917,980	1,804,520	1,822,248
Reimbursements for services performed			-1,395
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"			+195
Received by transfer from—			
"Flood control, general (transfer to Agriculture)"	-11,000		
"Salaries and expenses, War Food Administration, Department of Agriculture"		-80,570	-126,000
Commodity Credit Corporation	-68,480	-69,950	-61,390
Net total obligations	1,838,500	1,654,000	1,633,658
Covered into Treasury as miscellaneous receipts, Public Law 529			+579
Excess of obligations over appropriation due to Public Law 106		-204,000	
Estimated savings, unobligated balance			65,763
Total estimate or appropriation	1,838,500	1,450,000	1,700,000

BY PROJECTS OR FUNCTIONS			
1. General administration (including offices of the Secretary, Under Secretary, and Assistant Secretary)	\$431,677	\$228,751	\$180,033
2. Personnel administration and service (including divisions of classification, employment, training, organization and personnel management, investigations, and personnel relations and safety)	489,680	524,305	490,235
3. Budgetary and financial administration and service (including divisions of accounting, audit, corporate fiscal service, estimates and allotments, fiscal management, purchase, sales and traffic, and bureau accounting service)	602,390	615,347	550,256
4. General operations (including divisions of communications, real estate, equipment and engineering services, administrative services, and administration of central working capital fund services)	394,233	403,690	354,464
5. Services performed for other agencies			1,245
6. Overtime pay		32,427	246,015
Grand total obligations	1,917,980	1,804,520	1,822,248

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Adjustments (see objects schedule for detail)	-\$79,480	-\$354,520	-\$122,248
Total estimate or appropriation	1,838,500	1,450,000	1,700,000

### Salaries and Expenses, War Food Administration, Department of Agriculture (Allotment to Office of Secretary)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>For administrative functions and personnel provided for in the 1947 estimates under "Salaries and expenses, Office of Secretary"</i>			
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:			
Grade 15. Range \$8,750 to \$9,800:			
Consultant		3	0.1
Assistant to the Secretary		\$29,400	\$25
Grade 14. Range \$7,175 to \$8,225:			
Administrative officer			1
Assistant to the Secretary		3	6,500
Grade 13. Range \$6,230 to \$7,070:			
Administrative officer		3	18,722
Grade 12. Range \$5,180 to \$6,020:			2.2
Administrative officer		1	12,071
Grade 11. Range \$4,300 to \$5,180:			0.8
Administrative officer			3,616
Grade 9. Range \$3,640 to \$4,300:			0.2
Administrative assistant			771
Grade 7. Range \$2,980 to \$3,640		1	3,805
Grade 5. Range \$2,320 to \$2,980		8	2,705
Grade 4. Range \$2,100 to \$2,496		8	8,655
Grade 3. Range \$1,902 to \$2,298		3	20,479
Grade 2. Range \$1,704 to \$2,100		8	10,063
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Agricultural economist		1	1,406
Drainage engineer		1	6,755
Water utilization specialist		1	4,865
Crafts, protective, and custodial service:			
Grade 4. Range \$1,770 to \$2,166		2	3,702
Grade 3. Range \$1,572 to \$1,902		3	3,030
Grade 2. Range \$1,440 to \$1,770		1	4,170
Department of Agriculture grades:			
Grade 28. Range \$9,800 to \$10,000:			
Associate administrator			2
Director, office of requirements and allocations			18,000
Director, office of surplus property and reconversion		1	0.5
Grade 26. Range \$8,750 to \$9,800:			4,562
Director, office of water utilization		1	9,800
Head, national war board		1	0.7
Total permanent, departmental		44	6,125
W. A. E. employment, departmental		0.1	8,791
Overtime pay, departmental			8,831
01 Personal services (net)		44.1	0.8
194,060			6,600
<b>OTHER OBLIGATIONS</b>			
02 Travel		20,000	9,746
03 Transportation of things		50	771
04 Communication services		600	2,900
06 Printing and binding			85
07 Other contractual services		1,100	9,452
08 Supplies and materials		300	897
09 Equipment		500	392
Total other obligations		22,550	24,243
Grand total obligations		216,610	170,148
Allotted from "Salaries and expenses, War Food Administration, Department of Agriculture"		-216,610	-170,148
Total estimate or appropriation			

### PENALTY MAIL

#### Penalty Mail Costs, Department of Agriculture—

*Penalty mail costs:* For deposit in the general fund of the Treasury for cost of penalty mail of the Department [of Agriculture, including the War Food Administration], as required by section 2 of the Act of June 28, 1944 ([Public Law 364] 39 U. S. C. 321d), [\$3,238,740, together with not to exceed \$30,000 of the funds made available to the Commodity Credit Corporation for administrative expenses, for penalty mail for said Corporation, and the amount authorized for penalty mail for said Corporation in the



## OFFICE OF THE SECRETARY—Continued

## PENALTY MAIL—continued

## Penalty Mail Costs, Department of Agriculture—Continued

First Supplemental Appropriation Act, 1945, for the fiscal year 1945 is hereby increased by \$12,000] \$3,186,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$3,186,000

Appropriated 1946, \$3,238,740

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
04. Payment for penalty mail	\$3,186,000	\$3,238,740	\$2,867,082
Estimated savings, unobligated balance			294,568
Total estimate or appropriation	3,186,000	3,238,740	3,161,650

BY PROJECTS OR FUNCTIONS			
1. Office of the Secretary	\$3,740	\$3,740	\$3,431
2. Office of Solicitor	2,500	2,250	1,573
3. Office of Information	60,000	60,000	63,135
4. Library	2,551	2,551	2,447
5. Bureau of Agricultural Economics	304,600	271,600	260,723
6. Office of Foreign Agricultural Relations	1,850	1,323	1,012
7. Extension Service	880,000	825,000	801,955
8. Agricultural Research Administration:			
Office of Administrator	384	384	295
Office of Experiment Stations	630	567	574
Bureau of Animal Industry	20,200	18,200	20,540
Bureau of Dairy Industry	1,200	1,200	821
Bureau of Plant Industry, Soils, and Agricultural Engineering	8,700	7,200	5,225
Bureau of Entomology and Plant Quarantine	15,000	13,200	11,258
Bureau of Agricultural and Industrial Chemistry	3,000	2,900	2,202
Bureau of Human Nutrition and Home Economics	2,000	1,498	1,325
9. Forest Service	40,000	34,000	25,569
10. Production and Marketing Administration (includes provision for the agricultural conservation program, marketing services, crop insurance, sec. 32, and other programs administered by the Production and Marketing Administration)	1,558,026	1,606,747	1,443,789
11. Soil Conservation Service	50,000	44,193	39,168
12. Farm Security Administration	132,219	132,219	105,210
13. Rural Electrification Administration	14,400	12,960	8,326
14. Farm Credit Administration	85,000	85,000	68,504
15. Reserve for contingencies		112,008	
Grand total obligations	3,186,000	3,238,740	2,867,082
Adjustments (see objects schedule for detail)			+294,568
Total estimate or appropriation	3,186,000	3,238,740	3,161,650

## Working Capital Fund, Department of Agriculture—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL			
Clerical, administrative, and fiscal service:	Man-years	Total salary	Man-years
Grade 13. Range \$6,230 to \$7,070:			
Assistant chief, office of plant and operations	1	\$6,440	1
Grade 11. Range \$4,300 to \$5,180:			
Chief of division	2	9,040	2
Grade 10. Range \$3,970 to \$4,630:			
Assistant chief of division	1	4,190	1
Grade 9. Range \$3,640 to \$4,300:			
Assistant chief of division	1	3,750	1
Chief of section	3	11,470	3
Grade 8. Range \$3,310 to \$3,970:			
Grade 7. Range \$2,980 to \$3,640:			
Grade 6. Range \$2,650 to \$3,310:			
Grade 5. Range \$2,320 to \$2,980:			
Grade 4. Range \$2,100 to \$2,496:			
Grade 3. Range \$1,902 to \$2,238:			
Grade 2. Range \$1,704 to \$2,100:			
Grade 1. Range \$1,506 to \$1,902:			
Crafts, protective, and custodial service:			
Grade 7. Range \$2,364 to \$2,870:			
Grade 6. Range \$2,166 to \$2,562:			
Grade 4. Range \$1,770 to \$2,166:			
Grade 3. Range \$1,572 to \$1,902:			
Grade 2. Range \$1,440 to \$1,770:			
Total permanent, departmental	189	354,894	189
Temporary employment, departmental	1.1	1,764	1.1
Part-time employment, departmental	0.6	1,187	0.6
Overtime pay, departmental		9,896	
Night-work differential, departmental		3,500	
01. Personal services (net)	190.7	391,345	190.7

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS			
02. Travel	\$500	\$500	
03. Transportation of things	3,000	3,000	\$2,793
04. Communication services	1,200	1,200	1,212
05. Rents and utility services	150	150	137
07. Other contractual services	26,000	26,000	25,003
08. Supplies and materials	512,000	512,000	516,551
09. Equipment	13,500	15,500	20,700
Total other obligations	556,350	558,350	566,396
Grand total obligations	947,695	953,428	921,278
Reimbursements for services performed	-947,695	-918,761	-936,967
Prior year balance available in 1945			-418,978
1945 balance available in 1946		-434,667	+434,667
1946 balance available in 1947	-400,000	+400,000	
1947 balance available in 1948	+400,000		
Total estimate or appropriation			

## WORKING CAPITAL FUND

## Statement of assets and liabilities

As of June 30, 1945

ASSETS:		
Cash		\$283,188.72
Accounts receivable		116,811.28
Total assets, working capital fund		400,000.00
LIABILITIES:		
Appropriation Act of July 12, 1943 (Public Law 129)		400,000.00
Total liabilities, working capital fund		400,000.00
* Funds advanced to the general service activities to provide for payment of current pay rolls and other vouchers. In each case the amount advanced was fully covered by reimbursements in process of collection.		

## Summary of activities, fiscal year 1945

## CENTRAL SUPPLY DIVISION

STOCK		
Inventory, June 30, 1944		\$148,260.56
Materials ordered in prior years received in 1945		47,519.61
Purchases, fiscal year 1945	\$377,712.53	
Less undelivered items	52,678.29	
		325,034.24
Issues, fiscal year 1945		\$520,814.41
Inventory fluctuation		384,898.79
Inventory, June 30, 1945		135,915.62
		827.27
		136,742.89
OPERATING EXPENSES AND INCOME		
Balance brought forward from prior year		\$8,049.07
Expenses:		
Salaries and wages	\$63,314.23	
Drayage and shop work	785.20	
Supplies and miscellaneous purchases	2,992.98	
Equipment depreciation	1,200.00	
Total expenses		\$68,292.41
Income:		
Storage, issues, and purchasing surcharge	\$71,977.35	
Cash discounts	795.75	
Total income		72,773.10
Excess of billings over expenses, current year		4,480.69
Total excess of billings over expenses		12,529.76

## PITOTOGRAPHIC AND DUPLICATING SERVICES DIVISION

Balance brought forward from prior year		\$10,099.51
Work in process, July 1, 1944	\$11,129.42	
Purchases, fiscal year 1945	152,348.77	
		\$163,478.19
Less work in process, June 30, 1945		10,654.52
Cost of supplies used, fiscal year 1945		152,823.67
Salaries and wages		270,552.50
Equipment		18,000.00
Total cost of operations		441,376.17
Reimbursements		449,813.69
Excess of billings over expenses, current year		8,437.52
Total excess of billings over expenses		18,537.03

\* Includes \$10,621.26 equipment depreciation.

## MOTOR TRANSPORT DIVISION

Balance brought forward from prior year		\$828.74
Supplies on hand, July 1, 1944	\$120.78	
Purchase of parts and supplies, fiscal year 1945	4,608.61	
		\$4,789.39
Less supplies on hand, June 30, 1945		228.65
Cost of parts, materials, and supplies used, fiscal year 1945		4,560.74
Salaries and wages		21,016.70

\* Includes \$316.95 miscellaneous expenses.



## Summary of activities, fiscal year 1945—Continued

## MOTOR TRANSPORT DIVISION—Continued

Equipment depreciation.....	\$1,500.00
Total cost of operations.....	27,077.44
Reimbursements.....	30,277.78
Excess of billings over expenses, current year.....	\$3,200.34
Total excess of billings over expenses.....	4,029.08

## Statement of reimbursements—Working capital fund, fiscal year 1945

Organization	Central supply division		Photographic and duplicating services division	Motor transport division	Total reimbursements
	Stock	Surcharge			
Agricultural Adjustment Agency.....	\$42,889.10	\$10,479.37	\$11,213.25	\$1,864.14	\$66,445.86
Agricultural Research Administration: Office of the Administrator.....	454.05	80.68	612.10		1,146.83
Agricultural Research Center.....	1,015.32	153.49	98.44	39.60	1,306.85
Bureau of Agricultural and Industrial Chemistry.....	7,648.53	1,004.08	1,764.36	30.47	10,447.44
Bureau of Agricultural Economics.....	17,158.30	2,605.14	74,541.07	326.80	94,631.31
Bureau of Animal Industry.....	12,714.92	2,957.94	4,990.75	290.53	20,954.14
Bureau of Dairy Industry.....	2,230.47	287.79	3,566.31	.96	6,085.53
Bureau of Entomology and Plant Quarantine.....	19,929.07	2,924.44	14,876.20	140.85	37,870.56
Bureau of Human Nutrition and Home Economics.....	7,146.34	2,066.94	8,722.48		17,935.76
Bureau of Plant Industry, Soils, and Agricultural Engineering.....	21,112.23	2,753.58	8,163.93	633.66	32,663.40
Central Supply Division.....	696.72	111.70	55.12	616.93	1,480.47
Commodity Credit Corporation.....	9,696.24	1,275.50	9,854.66	110.53	20,936.93
Extension Service.....	4,010.99	825.14	19,984.28	406.88	25,227.29
Farm Credit Administration.....	921.65	154.31	1,320.40	62.72	2,459.08
Farm Security Administration.....	2,419.27	412.15	12,860.92	216.09	15,908.43
Federal Crop Insurance Corporation.....	2,831.25	1,194.66	6,329.39	46.67	10,401.97
Forest Service.....	16,509.80	2,265.77	11,287.12	426.09	30,488.78
Library.....	2,558.69	456.96	1,560.10	17.20	4,592.95
Motor Transport Division.....	3.00	187.02	2.50		192.52
Office of Experiment Stations.....	745.58	364.27	595.28	6.35	1,711.48
Office of Foreign Agricultural Relations.....	5,576.73	3,013.34	11,848.50	3,212.14	23,650.71
Office of Information.....	3,540.45	2,892.11	15,607.58	6,753.26	28,793.40
Office of the Secretary.....	5,508.17	2,080.85	30,312.71	5,773.52	43,675.25
Office of the Solicitor.....	3,940.21	621.02	2,671.38	1.49	7,234.10
Photographic and Duplicating Services Division.....	122,347.88	13,229.67		120.86	135,698.41
Rural Electrification Administration.....	1,132.41	175.29	274.25	7.62	1,589.57
Soil Conservation Service.....	8,375.06	2,497.96	17,062.71	1,112.01	29,047.74
War Food Administration:					
Office of the Administrator.....	516.41	100.15	1,682.60	373.37	2,672.53
Office of Distribution.....	25,437.43	6,663.61	76,341.17	445.28	108,887.49
Office of Labor.....	3,061.29	491.33	11,969.69	253.30	15,775.61
Office of Marketing Services.....	18,381.71	5,100.12	34,613.29	125.16	58,220.28
Office of Materials and Facilities.....	1,915.91	384.67	3,143.89	21.93	5,466.40
Office of Production.....	238.05	58.77	2,571.31	1.49	2,869.62
Office of Requirements and Allocations.....	11.40	9.69			21.09
Office of Supply.....	10,393.30	1,914.02	27,691.64	107.46	40,106.42
Other departments and agencies.....	1,830.86	183.82	21,624.31	6,732.42	30,371.41
Total.....	384,898.79	71,977.35	449,813.69	30,277.78	936,967.61

## Working Funds, Agriculture, Office of the Secretary—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service: Grade 13. Range \$6,230 to \$7,070: Administrative officer.....	Man- Total years salary	Man- Total years salary	Man- Total years salary
Grade 5. Range \$2,320 to \$2,980.....		0.4 \$2,600	0.6 \$1,312
Grade 4. Range \$2,100 to \$2,496.....		0.5 1,050	
Professional service: Grade 6. Range \$6,230 to \$7,070: Cartographic engineer.....		0.5 3,325	0.6 3,525
Engineer.....			
Total permanent, departmental.....		1.4 6,975	1.2 4,837
Overtime pay, departmental.....			677
01 Personal services (net).....		1.4 6,975	1.2 5,514
<b>OTHER OBLIGATIONS</b>			
02 Travel.....		2,681	206
04 Communication services.....		50	
07 Other contractual services.....		200	
08 Supplies and materials.....		300	
09 Equipment.....		150	
Total other obligations.....		3,381	206
Grand total obligations.....		10,356	5,720
Advanced from—			
"Flood control, general (transfer to Agriculture)".....		—5,500	—4,000
Navy Department.....			—5,000
Veterans Administration.....			—2,133
Prior year balance available in 1945.....			+4,856
1945 balance available in 1946.....		—4,856	557
Estimated savings, unobligated balance.....			
Total estimate or appropriation.....			
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Coordination and supervision of strategic area map production (Navy Department).....			\$3,276
2. Coordination and supervision of strategic area map production (War Department).....			1,623
3. Carrying out the responsibilities of the Department of Agriculture under the Servicemen's Readjustment Act of 1944 (Veterans Administration).....		\$4,856	144
4. Review of reports of preliminary examinations and surveys (flood control).....		5,500	
5. Overtime pay.....			677
Grand total obligations.....		10,356	5,720
Adjustments (see objects schedule for detail).....		—10,356	—5,720
Total estimate or appropriation.....			

Total, Office of the Secretary, annual appropriations, general account:

Estimate 1947, \$5,024,500

Appropriated 1946, \$4,688,740

## Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## OFFICE OF THE SECRETARY

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all cars	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Office of the Secretary.....	1	\$1,050	1	\$300	\$750	3	\$1,100	Personal transportation, on official business, of the Secretary of Agriculture and his assistants, Washington, D. C.



## OFFICE OF THE SOLICITOR

## Salaries and Expenses, Office of Solicitor, Department of Agriculture—

For necessary expenses for the Office of Solicitor including personal services in the District of Columbia and elsewhere, purchase of law books, books of reference, and periodicals, and payment of fees or dues for the use of law libraries by attorneys in the field service, [\$1,730,000] \$2,264,000, together with such amounts from other appropriations or authorizations as are provided in the schedules in the Budget for the current fiscal year for such expenses, which several amounts or portions thereof, as may be determined by the Secretary, not exceeding a total of [\$197,500] \$120,115, shall be transferred to and made a part of this appropriation; and there may be expended for personal services in the District of Columbia not to exceed [\$906,990] \$1,431,848: *Provided, however, That if the total [amount] amounts of such appropriations or authorizations for the current fiscal year shall at any time exceed or fall below the amounts estimated, respectively, therefor in the Budget for such year, the amounts transferred or to be transferred therefrom to this appropriation and the amount which may be expended for personal services in the District of Columbia shall be increased or decreased in such amounts as [the Director of the Bureau of the Budget, after a hearing thereon with representatives of the Department, shall determine] are appropriate to the requirements as changed by such reductions or increases in such appropriations or authorizations. (5 U. S. C. 511-512, 518; Act of May 5, 1945, Public Law 52; Act of July 5, 1945, Public Law 132.)*

Annual appropriation, general account:

Estimate 1947, \$2,264,000      Appropriated 1946, " \$1,860,000

\* Includes \$130,000 appropriated in the Second Deficiency Appropriation Act, 1945.

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 8. Range \$8,750 to \$9,800:						
Solicitor	1	\$9,800	1	\$9,800	1	\$9,000
Associate solicitor	8	72,107	7.9	71,173	7.2	50,440
Grade 7. Range \$7,175 to \$8,225:						
Assistant solicitor in charge of litigation					0.7	4,333
Chief, conservation and adjustment division	1	7,438	1	7,438	1	6,562
Chief, stabilization and labor division	1	7,438	1	7,326	1	6,500
Chief, basic commodity division	1	7,175	1	7,438	1	6,562
Chief, commodity supply division	1	7,438	1	7,438	1	6,500
Chief, long-term credit division	1	7,438	1	7,438	1	6,500
Chief, short-term credit division	1	7,438	1	7,438	1	6,500
Chief, farm tenancy division	1	7,438	1	7,256	1	6,661
Chief, rural rehabilitation division	1	7,438	1	7,326	1	6,500
Chief, forestry and lands division	1	7,438	1	7,438	1	6,500
Chief, research and general legal services division	1	7,438	1	7,438	1	6,500
Chief, general regulatory and transportation division	1	7,438	1	7,438	1	6,500
Chief, marketing and distribution division	1	7,175	1	7,175	1.3	8,348
Chief, electrical construction and operations division	1	7,700	1	7,700	1	6,750
Chief, electrical loans division	1	8,225	1	8,225	1	7,500
Liaison cooperative attorney	1	8,225	1	8,225	1	7,500
Grade 6. Range \$6,230 to \$7,070:						
Attorney	39.6	254,713	36	233,974	32	181,975
Assistant to solicitor	1	6,230	1	6,230	0.3	2,100
Patent adviser	1	6,440	1	6,440	1	5,600
Grade 5. Range \$5,180 to \$6,020:						
Attorney	43	229,660	43	230,299	34.2	159,923
Assistant to solicitor					0.6	2,805
Grade 4. Range \$4,300 to \$5,180:						
Attorney	35.7	158,070	38	169,407	34.6	132,617
Grade 3. Range \$3,640 to \$4,300:						
Attorney	22.7	85,263	24	90,443	19	61,607
Grade 2. Range \$2,980 to \$3,640	12.5	39,405	12	38,132	9.6	26,009
Grade 1. Range \$2,320 to \$2,980	2	4,750	2	4,644	1.7	3,455
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Executive assistant to the solicitor	1	6,440	1	6,440	1	5,600
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	4,520	1	4,393	0.9	3,599
Grade 9. Range \$3,640 to \$4,300:						
Chief, general services section	1	3,750	1	3,750	1	3,200
Chief, personnel section	1	3,750	1	3,695	0.6	1,987
Special administrative assistant to the solicitor	1	4,300	1	4,300	1	3,800
Grade 8. Range \$3,310 to \$3,970	1	3,420	1	3,331	0.4	1,245
Grade 7. Range \$2,980 to \$3,640	7	21,630	7	21,596	7.2	16,963
Grade 6. Range \$2,650 to \$3,310	7	18,880	7	19,075	6.1	13,962
Grade 5. Range \$2,320 to \$2,980	29	71,790	29.8	73,087	28.2	57,500
Grade 4. Range \$2,100 to \$2,496	76	167,263	73	161,288	68.5	109,523
Grade 3. Range \$1,902 to \$2,298	76.5	154,694	76	154,654	66.9	115,074
Grade 2. Range \$1,704 to \$2,100	15.5	26,680	13	22,422	6.7	9,778
Grade 1. Range \$1,506 to \$1,902	5	7,608	5	7,604	2.4	3,068

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>						
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902	2	\$3,276	2	\$3,194	1.7	\$2,287
Grade 2. Range \$1,440 to \$1,770	5	7,529	5	7,301	4.1	4,837
Total permanent, departmental	410.5	1,484,848	404.7	1,469,409	343.9	1,094,170
Temporary employment, departmental					0.3	451
Part-time employment, departmental					0.2	284
Overtime pay, departmental				21,344		173,973
All personal services, departmental	410.5	1,484,848	404.7	1,490,753	344.4	1,268,878
<b>PERSONAL SERVICES, FIELD</b>						
Professional service, field:						
Grade 7. Range \$7,175 to \$8,225:						
Regional attorney	6	44,630	6	44,496	6	38,740
Grade 6. Range \$6,230 to \$7,070:						
Attorney	7	44,660	6.3	39,727	4.3	24,276
Regional attorney	4	25,760	4	25,665	4	22,400
Grade 5. Range \$5,180 to \$6,020:						
Attorney	18	100,400	19	105,884	18.4	89,733
Regional attorney	1	5,390	1	5,277		4,600
Grade 4. Range \$4,300 to \$5,180:						
Attorney	22	99,920	23	104,441	20	78,011
Grade 3. Range \$3,640 to \$4,300:						
Attorney	15.5	60,206	17.2	66,468	21.6	72,869
Grade 2. Range \$2,980 to \$3,640	2	6,400	2	6,302	2.3	5,980
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Abstractor	4.6	17,480	1	4,300	1	3,800
Grade 7. Range \$2,980 to \$3,640	11	33,770	5	15,890	4.1	11,018
Grade 5. Range \$2,320 to \$2,980	10	23,970	6	14,525	6.6	13,391
Grade 4. Range \$2,100 to \$2,496	21	45,790	19.5	42,636	18.5	33,034
Grade 3. Range \$1,902 to \$2,298	68.7	137,302	68.3	136,654	69	113,853
Grade 2. Range \$1,704 to \$2,100	15.5	26,732	9	15,624	4.2	7,009
Grade 1. Range \$1,506 to \$1,902					0.1	98
Total permanent, field	206.3	672,410	187.3	627,879	181.1	518,812
W. A. E. employment, field	2	7,500	1.9	7,240	0.8	1,533
Overtime pay, field				10,540		87,477
Additional pay for foreign service, field		6,155		5,687		3,244
All personal services, field	208.3	686,065	189.2	651,346	181.9	611,066
<b>01 Personal services (net)</b>	618.8	2,170,913	593.9	2,142,099	526.3	1,879,944
<b>OTHER OBLIGATIONS</b>						
02 Travel		85,480		77,500		58,648
03 Transportation of things		5,600		5,200		4,330
04 Communication services		25,638		24,150		19,421
05 Rents and utility services		38,700		35,700		35,831
07 Other contractual services		29,445		10,200		9,252
08 Supplies and materials		16,239		16,400		15,950
09 Equipment		12,100		9,350		16,950
Total other obligations		213,202		178,500		160,382
Grand total obligations		2,384,115		2,320,599		2,040,326
Received by transfer from—						
Commodity Credit Corporation		—112,115		—85,183		—75,000
"Emergency rubber project, Department of Agriculture"				—12,500		—25,000
"Water conservation and utilization projects, Department of Agriculture"				—11,200		
"Salaries and expenses, War Food Administration, Department of Agriculture"				—109,716		—215,000
"Flood control, general (transfer to Agriculture)"		—8,000				
Net total obligations		2,264,000		2,102,000		1,725,326
Covered into Treasury as miscellaneous receipts, Public Law 529						+900
Excess of obligations over appropriation due to Public Law 106				—242,000		
Estimated savings, unobligated balance						204,406
Total estimate or appropriation		2,264,000		1,860,000		1,930,632
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Marketing, regulatory laws, and transportation		\$179,768		\$212,323		\$191,558
2. Commodity loan and purchase programs		155,842		138,622		120,338
3. Agricultural adjustment, crop insurance, and labor programs		132,516		131,618		91,220
4. Rural electrification programs		468,956		465,778		275,147
5. Forestry, research, and general legal services		210,416		187,961		169,117
6. Farm security programs		114,721		113,944		84,139
7. Farm credit programs		138,560		137,621		117,416
8. General administration and business functions		183,685		179,634		124,495
9. Field activities		799,651		721,214		605,446
10. Overtime pay				31,884		261,450
Grand total obligations		2,384,115		2,320,599		2,040,326
Adjustments (see objects schedule for detail)		—120,115		—460,599		—109,694
Total estimate or appropriation		2,264,000		1,860,000		1,930,632



**Working Fund, Agriculture, Office of Solicitor, Department of Agriculture—**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>For legal services in connection with administration of the Federal Crop Insurance Corporation insurance program</i>						
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496					0.8	\$1,643
Grade 3. Range \$1,902 to \$2,298					0.3	495
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Attorney					0.6	3,267
Grade 5. Range \$5,180 to \$6,020:						
Attorney					0.3	1,517
Grade 4. Range \$4,300 to \$5,180:						
Attorney					0.3	1,108
Grade 3. Range \$3,640 to \$4,300:						
Attorney					0.1	133
Total permanent, departmental					2.4	8,163
Overtime pay, departmental						1,222
All personal services, departmental					2.4	9,385
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 3. Range \$1,902 to \$2,298					0.9	1,435
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Attorney					0.9	4,200
Total permanent, field					1.8	5,635
Overtime pay, field						861
All personal services, field					1.8	6,496
01 Personal services (net)					4.2	15,881
Advanced from Federal Crop Insurance Corporation						-25,000
Estimated savings, unobligated balance						9,119
Total estimate or appropriation						

**OFFICE OF INFORMATION****SALARIES AND EXPENSES****Salaries and Expenses, Office of Information, Department of Agriculture—**

For necessary expenses in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, the preparation, distribution, and display of agricultural motion and sound pictures, and exhibits, and the coordination of informational work in the Department, **[\$453,000]** \$578,500, together with such amounts from other appropriations or authorizations as are provided in the schedules in the Budget for the current fiscal year for such expenses, which several amounts or portions thereof, as may be determined by the Secretary, not exceeding a total of **[\$161,179]** \$12,555 shall be transferred to and made a part of this appropriation, of which total appropriation amounts not exceeding those specified may be used for the purposes enumerated as follows: For personal services in the District of Columbia, **[\$487,640]** \$525,320; for preparation and display of exhibits, **[\$58,470]** \$115,772, and the preparation, distribution, and display of motion and sound pictures **[\$50,000]**, including cooperation with Federal, State, county, municipal, and other agencies, **[\$58,146]**: *Provided, however,* That if the total amounts of the appropriations or authorizations for the current fiscal year from which transfers to this appropriation are herein authorized shall at any time exceed or fall below the amounts estimated, respectively, therefor in the Budget for such year, the amounts transferred or to be transferred therefrom to this appropriation and the amount which may be expended for personal services in the District of Columbia shall be increased or decreased in such amounts as [the Director of the Bureau of the Budget, after a hearing thereon with representatives of the Department, shall determine] are appropriate to the requirements as changed by such reductions or increases in such appropriations or authorizations: *Provided further,* That when and to the extent that in the judgment of the Secretary agricultural exhibits and motion and sound pictures relating to the authorized programs of the various agencies of the Department can be more advantageously prepared, displayed, or distributed by the Office of Information, as the central agency of the Department therefor, additional funds not exceeding \$300,000 for these purposes may be transferred to and made a part of this appropriation, from the funds

applicable, and shall be available for the objects specified herein, including personal services in the District of Columbia: *Provided further,* That in the preparation of motion pictures or exhibits by the Department, not exceeding a total of \$10,000 may be used for employment pursuant to the second sentence of section 706 (a) of the [Act of September 21, 1944 (Public Law 425)] *Department of Agriculture Organic Act of 1944* (5 U. S. C. 574): *Provided further,* That no part of this appropriation shall be used for the establishment or maintenance of regional or State field offices or for the compensation of employees in such offices except that not to exceed **[\$11,856]** \$9,000 may be used to maintain the San Francisco radio office. (5 U. S. C. 511-512; Act of May 5, 1945, Public Law 52.)

Estimate 1947, **\$578,500**Appropriated 1946, **\$453,000**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Chief of publications	1	\$7,070	1	\$7,013	1	\$6,200
Executive assistant to the director	1	6,440	1	6,440	1	5,700
Information specialist			1	6,440	2	11,200
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer	3	16,590	3	16,525	2.9	14,540
Agricultural writer	1	6,020	1	6,020	1	5,400
Director of photography	1	5,180	1	5,180	2.1	10,026
Information specialist					0.5	2,210
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	2	8,820	2	8,752	1	3,800
Motion picture production specialist					1	3,900
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer	2	8,490	1	4,490	1	3,875
Motion picture sound engineer	1	4,080	1	4,004	0.3	1,167
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	6	23,050	6	22,843	6	19,849
Editor	1	3,750	1	3,750	1.3	4,267
Information specialist	1	3,750	1	3,750	1	3,093
Motion picture production specialist	1	3,750	1	3,750	1.2	3,786
Grade 7. Range \$2,980 to \$3,640:						
Grade 6. Range \$2,650 to \$3,310:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Grade 1. Range \$1,506 to \$1,902:						
Professional service:						
Grade 8. Range \$8,750 to \$9,800:						
Director of information	1	9,013	1	8,932	1.1	8,733
Grade 7. Range \$7,175 to \$8,225:						
Assistant director of information	3	22,050	2	14,875	2	13,063
Editor of yearbook	1	7,175	0.7	5,023		
Special assistant to the director			0.2	1,445	0.7	4,640
Grade 6. Range \$6,230 to \$7,070:						
Chief of motion picture service	1	6,230	1	6,230	0.5	2,831
Chief of press service	1	6,440	1	6,440	1	5,650
Chief of radio service			1	6,230	1.2	7,454
Information specialist	1	6,230	3	18,916	4.3	23,133
Grade 5. Range \$5,180 to \$6,020:						
Assistant chief of press service	1	5,600	1	5,438	1	4,750
Assistant editor of yearbook	1	5,180				
Chief of editorial section	1	5,180	1	5,180	0.5	2,108
Editor of scientific publications	1	5,390	1	5,342	1	4,600
Exhibits specialist	1	6,020	1	6,020	1	5,400
Information specialist	3	17,010	5	27,370	5.6	28,270
Radio program supervisor	1	5,390	1	5,390	1	4,600
Visual information specialist			1	5,260	1.7	8,000
Grade 4. Range \$4,300 to \$5,180:						
Agricultural research writer	1	4,740	1	4,680	1	4,000
Editor					0.5	2,066
Information specialist	2	9,480	3	13,940	4	15,800
Specialist in exhibits	2	9,260	1	4,790	1	4,150
Visual information specialist					0.1	296
Grade 3. Range \$3,640 to \$4,300:						
Associate agriculturist					1.3	4,653
Editor	1	4,080	2	7,800	2	6,675
Information specialist	1	3,860	3	11,288	2.6	8,333
Motion picture script writer	1	3,640	1	3,640		
Motion picture sound engineer					0.7	2,267
Visual information specialist	1	3,750	1	3,686	0.1	400
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:						
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Grade 7. Range \$2,650 to \$3,310:						
Grade 6. Range \$2,320 to \$2,980:						
Grade 5. Range \$2,100 to \$2,496:						
Grade 4. Range \$1,902 to \$2,298:						
Crafts, protective, and custodial service:						
Grade 8. Range \$2,540 to \$3,200:						
Grade 7. Range \$2,364 to \$2,870:						
Grade 6. Range \$2,166 to \$2,562:						
Grade 5. Range \$1,770 to \$2,166:						
Grade 3. Range \$1,572 to \$1,902:						
Grade 2. Range \$1,440 to \$1,770:						
Total permanent, departmental	169.8	521,230	179	561,587	184.4	511,343
Part-time employment, departmental					0.2	120
W. A. E. employment, departmental	2	4,090	2	4,090	2.3	4,062
Overtime pay, departmental				12,020		90,032
All personal services, departmental	171.8	525,320	181	577,697	186.9	605,557



## OFFICE OF INFORMATION—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Office of Information, Department of Agriculture—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, FIELD	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496.....			1	\$2,100	0.7	\$1,262
Grade 3. Range \$1,992 to \$2,298.....	1	\$2,166	1	2,166	1.2	2,229
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Radio adviser and program director ..	1	5,390	1	5,390	1	4,230
Grade 2. Range \$2,980 to \$3,640.....			1	2,980	0.4	989
Total permanent, field.....	2	7,556	4	12,636	3.3	8,710
Overtime pay, field.....				277		1,548
All personal services, field.....	2	7,556	4	12,913	3.3	10,258
01 Personal services (net).....	173.8	532,876	185	590,610	190.2	615,815
OTHER OBLIGATIONS						
02 Travel.....		10,800		14,500		21,429
03 Transportation of things.....		13,500		10,575		9,373
04 Communication services.....		5,700		7,000		8,222
05 Rents and utility services.....		900		900		1,897
07 Other contractual services.....		7,809		53,845		181,321
08 Supplies and materials.....		17,970		13,200		12,167
09 Equipment.....		1,500		2,000		8,099
Total other obligations.....		58,179		102,020		242,508
Grand total obligations.....		591,055		692,630		858,323
Reimbursements for services performed.....						-4,726
Received by transfer from—						
Commodity Credit Corporation.....		-12,555		-12,854		-11,179
“Salaries and expenses, War Food Administration, Department of Agriculture”.....				-154,776		-281,243
“Salaries and expenses, Office of Secretary of Agriculture”.....						-195
“Salaries and expenses, Bureau of Agricultural Economics,” economic investigations.....						-2,125
“Salaries and expenses, Extension Service”.....						-5,000
“Salaries and expenses, animal industry, Agricultural Research Administration”:						
Animal husbandry.....						-440
Diseases of animals.....						-200
Eradicating tuberculosis and Bang's disease.....						-780
“Salaries and expenses, dairy industry, Agricultural Research Administration”.....						-390
“Salaries and expenses, Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration”:						
Field crops.....						-1,630
Fruit, vegetable, and specialty crops.....						-990
“Salaries and expenses, Entomology and Plant Quarantine, Agricultural Research Administration,” insect and plant disease control.....						-1,560
“Salaries and expenses, Agricultural and Industrial Chemistry, Agricultural Research Administration,” agricultural chemical investigations.....						-195
“Salaries and expenses, Human Nutrition and Home Economics, Agricultural Research Administration”.....						-10,395
“Salaries and expenses, Forest Service, national forest protection and management.....						-4,847
“Supply and distribution of farm labor, War Food Administration, Department of Agriculture”.....						-13,000
“Administrative expenses, sec. 392, Agricultural Adjustment Act of 1933”.....						-5,600
“Salaries and expenses, Soil Conservation Service,” soil conservation operations.....						-11,080
“Exportation and domestic consumption of agricultural commodities, Department of Agriculture”.....						-11,355
“Salaries and expenses, Marketing Service”:						
Marketing farm products.....						-116
Meat inspection (transfer from Bureau of Animal Industry, Agricultural Research Administration).....						-10,100
“Loans, grants, and rural rehabilitation, Department of Agriculture”.....						-975
“Salaries and expenses, Rural Electrification Administration, Department of Agriculture”.....						-5,130
“Salaries and expenses, Farm Credit Administration, Department of Agriculture”.....						-975
Net total obligations.....		578,500		525,000		474,097

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Covered into Treasury as miscellaneous receipts, Public Law 529			+\$200
Excess of obligations over appropriation due to Public Law 106		-\$72,000	
Estimated savings, unobligated balance			39,705
Total estimate or appropriation	\$578,500	453,000	514,002
<b>BY PROJECTS OR FUNCTIONS</b>			
1. General administration of Office of Information and of informational work	\$33,600	\$93,049	\$90,509
2. Business service, including communications and records	42,100	42,335	34,314
3. Publications preparation, distribution, and control	192,220	200,998	170,045
4. Preparation and distribution of special reports and current information	57,854	91,668	109,073
5. Preparation and distribution of agricultural information by exhibits	115,900	66,000	46,620
6. Preparation and distribution of agricultural information by radio	37,100	62,797	60,458
7. Preparation and distribution of agricultural information to the press	53,985	65,340	58,369
8. Preparation and distribution of agricultural information by motion pictures	58,296	58,146	192,629
9. Services performed for other agencies			4,726
10. Overtime pay		12,297	91,580
Grand total obligations	591,055	692,630	858,323
Adjustments (see objects schedule for detail)	-12,555	-239,630	-344,321
Total estimate or appropriation	578,500	453,000	514,002

## PRINTING AND BINDING

## Printing and Binding, Department of Agriculture—

For all printing and binding for the Department, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere, except as otherwise in this Act provided, **[\$1,000,000] \$1,145,000**, including the purchase of reprints of scientific and technical articles published in periodicals and journals; the Annual Report of the Secretary, as required by the Acts of January 12, 1895 (44 U. S. C. 111, 212-220, 222, 241, 244), March 4, 1915 (7 U. S. C. 418), and June 20, 1936 (5 U. S. C. 108), and in pursuance of the Act approved March 30, 1906 (44 U. S. C. 214, 224), also including not to exceed \$250,000 for farmers' bulletins, which shall be adapted to the interests of the people of the different sections of the country, an equal proportion of four-fifths of which shall be delivered to or sent out under the addressed franks furnished by the Senators, Representatives, and Delegates in Congress, as they shall direct, but not including work done at the field printing plants of the Forest Service authorized by the Joint Committee on Printing, in accordance with the Act approved March 1, 1919 (44 U. S. C. 111, 220): *Provided*, That the Secretary may transfer to this appropriation from the appropriation made for "Conservation and Use of Agricultural Land Resources" such sums as may be necessary for printing and binding in connection with marketing quotas under the Agricultural Adjustment Act of 1938, and from funds appropriated to carry into effect the terms of section 32 of the Act of August 24, 1935 (7 U. S. C. 612c), as amended, such sums as may be necessary for printing and binding in connection with the activities under said section 32, and from funds appropriated for "Salaries and expenses, War Food Administration", such sums as may be necessary for printing and binding in connection with functions assigned to the Office of Information by the War Food Administrator: *Provided further*, That the total amount that may be transferred under the authority granted in the preceding proviso shall not exceed **[\$225,000] \$190,000**. (5 U. S. C. 511-512; Act of May 5, 1945, Public Law 52.)

Estimate 1947, **\$1,145,000**Appropriated 1946, **\$1,000,000**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
06 Printing and binding:			
Publications and binding	\$683,000	\$622,185	\$634,242
Lithographing	51,000	38,000	42,107
Printed forms and letterheads	601,000	554,000	585,101
Grand total obligations	1,335,000	1,214,185	1,261,450
Received by transfer from—			
"Salaries and expenses, War Food Administration, Department of Agriculture"		-24,185	-85,000
"Exportation and domestic consumption of agricultural commodities, Department of Agriculture"	-175,000	-175,000	-175,000



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Received by transfer from—Continued "Conservation and use of agricultural land resources, Department of Agri- culture"	—\$15,000	—\$15,000	—\$14,000
Net total obligations	1, 145, 000	1, 000, 000	987, 450
Estimated savings, unobligated balance			112, 550
Total estimate or appropriation	1, 145, 000	1, 000, 000	1, 100, 000
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Job work and binding, expenditures for printing	\$625, 000	\$639, 185	\$625, 573
2. Reports, periodicals, and other regula- tory, service, and administrative pub- lications, expenditures for printing	205, 000	175, 000	224, 184
3. Research and technical bulletins, ex- penditures for printing	215, 000	100, 000	103, 427
4. Farmers' bulletins and other popular publications, expenditures for printing	290, 000	300, 000	308, 266
Grand total obligations	1, 335, 000	1, 214, 185	1, 261, 450
Adjustments (see objects schedule for de- tail)	—190, 000	—214, 185	—161, 450
Total estimate or appropriation	1, 145, 000	1, 000, 000	1, 100, 000

Total, Office of Information, annual appropriations, general account:

Estimate 1947, \$1,723,500      Appropriated 1946, \$1,453,000

### LIBRARY, DEPARTMENT OF AGRICULTURE

#### Salaries and Expenses, Library, Department of Agriculture—

Salaries and expenses: For purchase and exchange of reference books, lawbooks, technical and scientific books, periodicals, and for expenses incurred in completing imperfect series; not to exceed \$1,200 for newspapers; [for] dues, when authorized by the Secretary, for library membership in societies or associations which issue publications to members only or at a price to members lower than to subscribers who are not members; [for] salaries in the city of Washington and elsewhere; [for official] travel expenses; and [for] library fixtures, library cards, supplies, and [for] all other necessary expenses; [\$467,900] \$552,000, together with such amounts from other appropriations or authorizations as are provided in the schedules in the Budget for the current fiscal year, for such salaries and expenses, which several amounts or portions thereof, as may be determined by the Secretary, not exceeding a total of [\$750] \$850, shall be transferred to and made a part of this appropriation, of which total appropriation not to exceed [\$306,433] \$381,640 may be expended for personal services in the District of Columbia: *Provided, however,* That if the total amounts of such appropriations or authorizations for the current fiscal year shall at any time exceed or fall below the amounts estimated, respectively, therefor in the Budget for such year, the amounts transferred or to be transferred therefrom to this appropriation and the amount which may be expended for personal services in the District of Columbia shall be increased or decreased in such amounts as [the Director of the Bureau of the Budget, after a hearing thereon with representatives of the Department, shall determine] are appropriate to the requirements as changed by such reductions or increases in such appropriations or authorizations. (5 U. S. C. 511-512, 514, 516, 548, 552a, 573; Act of May 5, 1945, Public Law 52.)

Annual appropriation, general account:

Estimate 1947, \$552,000      Appropriated 1946, \$467,900

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Professional service:	Man- years	Total salary	Man- years
Grade 7. Range \$7,175 to \$3,225:			Total salary
Head librarian	1	\$7, 437	1
Grade 6. Range \$6,230 to \$7,070:			Man- years
Chief, division of technical processes	1	6, 230	0.8
Grade 5. Range \$5,180 to \$6,020:			Total salary
Chief, division of bibliography	1	5, 600	1
Chief, division of field library services	1	6, 020	1
Chief, general reading room section	1	5, 180	0.9
Grade 4. Range \$4,300 to \$5,180:			Man- years
Chief, bibliography section	1	4, 630	1
Chief, catalog section	1	4, 300	0.4

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>			
Professional service—Continued	Man- years	Total salary	Man- years
Grade 4. Range \$4,300 to \$5,180—Con.			Total salary
Chief, circulation section	1	\$4, 520	1
Chief, processing section	1	4, 300	1
Chief, selection and searching sub- section	1	4, 520	1
Grade 3. Range \$3,640 to \$4,300:			Man- years
Assistant chief, field branch library section			Total salary
Chief, classification and subject head- ings subsection	1	3, 970	1
Chief, descriptive cataloging sub- section	1	3, 750	1
Chief, documents subsection			0.6
Chief, published materials, acquisi- tion, and preparation section			1
Chief, serials subsection	1	3, 640	0.6
Chief, shelf listing and filing subsec- tion	1	3, 750	1
Chief, working tool subsection	1	3, 750	1
Chief bibliographer	6	23, 500	6
Editor	1	3, 860	1
Senior reference assistant	3	11, 360	3
Grade 2. Range \$2,980 to \$3,640	24	73, 257	25
Grade 1. Range \$2,320 to \$2,980	17	40, 900	17
Clerical, administrative, and fiscal service:			Man- years
Grade 12. Range \$5,180 to \$6,020:			Total salary
Executive assistant to the librarian	1	5, 180	0.8
Grade 9. Range \$3,640 to \$4,300:			Man- years
Administrative assistant	1	3, 750	1
Grade 7. Range \$2,980 to \$3,640	2	6, 290	2
Grade 6. Range \$2,650 to \$3,310	1	2, 760	1
Grade 5. Range \$2,320 to \$2,980	7	17, 120	7
Grade 4. Range \$2,100 to \$2,496	4	8, 466	4
Grade 3. Range \$1,902 to \$2,298	6	11, 872	6
Grade 2. Range \$1,704 to \$2,100	20	34, 273	20
Subprofessional services:			Man- years
Grade 6. Range \$2,320 to \$2,980	2	5, 270	2
Grade 5. Range \$2,100 to \$2,496	4	8, 884	4
Grade 4. Range \$1,902 to \$2,298	10	19, 614	10
Grade 3. Range \$1,704 to \$2,100	5	8, 784	5
Grade 2. Range \$1,572 to \$1,968	5	7, 992	5
Crafts, protective, and custodial service:			Man- years
Grade 3. Range \$1,572 to \$1,902	2	3, 276	2
Grade 2. Range \$1,440 to \$1,770	8.6	12, 783	9
Total permanent, departmental	144.6	380, 788	145.2
Part-time employment, departmental	0.5	852	0.5
Overtime pay, departmental			9, 006
All personal services, departmental	145.1	381, 640	145.7
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			Man- years
Grade 3. Range \$3,640 to \$4,300:			Total salary
Librarian	2	7, 940	2
Grade 2. Range \$2,980 to \$3,640	11	34, 100	11
Grade 1. Range \$2,320 to \$2,980	6	15, 906	6
Clerical, administrative, and fiscal service:			Man- years
Grade 3. Range \$1,902 to \$2,298	1	2, 001	1
Grade 2. Range \$1,704 to \$2,100	7	12, 489	7
Subprofessional service:			Man- years
Grade 5. Range \$2,100 to \$2,496	2	4, 464	2
Grade 4. Range \$1,902 to \$2,298	8	15, 942	8
Grade 3. Range \$1,704 to \$2,100	2	3, 738	2
Crafts, protective, and custodial service:			Man- years
Grade 2. Range \$1,440 to \$1,770	3	4, 592	3
Total permanent, field	42	101, 172	42
Part-time employment, field	0.5	1, 160	0.5
Overtime pay, field			2, 805
All personal services, field	42.5	102, 332	42.5
01 Personal services (net)	187.6	483, 972	188.2
<b>OTHER OBLIGATIONS</b>			
02 Travel		2, 225	
03 Transportation of things		1, 200	
04 Communication services		7, 200	
05 Rents and utility services		3, 800	
07 Other contractual services		3, 660	
08 Supplies and materials		9, 700	
09 Equipment		53, 093	
Total other obligations		80, 878	
Grand total obligations		564, 850	
Reimbursements for services performed		—12, 000	
Received by transfer from Commodity Credit Corporation		—850	
Net total obligations		552, 000	
Covered into Treasury in accordance with Public Law 529			544, 263
Excess of obligations over appropriation due to Public Law 106		—84, 000	
Estimated savings, unobligated balance			5, 900
Total estimate or appropriation		552, 000	



LIBRARY, DEPARTMENT OF AGRICULTURE—Continued  
Salaries and Expenses, Library, Department of Agriculture—Con.

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
1. General administration.....	\$46,375	\$46,029	\$40,877
2. Acquisition of publications, preparation for use, and distribution.....	171,899	162,592	120,261
3. Bibliographical services.....	104,054	103,286	94,339
4. Reading and reference services.....	104,009	103,391	75,696
5. Field library services.....	126,513	125,663	128,918
6. Services performed for other agencies.....	12,000	12,000	13,056
7. Overtime pay.....		11,811	86,866
Grand total obligations.....	564,850	564,772	560,013
Adjustments (see objects schedule for detail).....	-12,850	-96,872	-9,842
Total estimate or appropriation.....	552,000	467,900	550,171

## BUREAU OF AGRICULTURAL ECONOMICS

## Salaries and Expenses, Bureau of Agricultural Economics—

For [the employment of persons and means in the District of Columbia and elsewhere, either independently or in cooperation with public agencies or organizations] necessary expenses, including not to exceed \$1,888,589 \$2,185,550 for personal services in the District of Columbia, of the Bureau of Agricultural Economics, including the salary of Chief of Bureau at \$10,000 per annum, and not to exceed \$1,000 for the purchase of books of reference, periodicals, and newspapers, as follows: (5 U. S. C. 511-512—establishing the Department of Agriculture; 7 U. S. C. 411—establishing the Bureau of Agricultural Economics; 5 U. S. C. 573, 673. The foregoing citations apply to all appropriation items under the Bureau; Act of May 5, 1945, Public Law 52.)

Economic investigations: For acquiring and diffusing useful information among the people of the United States, for conducting investigations, experiments, and demonstrations, and for aiding in formulating programs for authorized activities of the Department, relative to agricultural production, distribution, land utilization, and conservation in their broadest aspects, including farm management and practice, utilization of farm and food products, purchasing of farm supplies, farm population and rural life, farm labor, farm finance, insurance and taxation, adjustments in production to probable demand for the different farm and food products; land ownership and values, costs, prices and income in their relation to agriculture, including causes for their variations and trends, \$2,110,000 \$2,409,000, together with such amounts from other appropriations or authorizations as are provided in the schedules in the Budget for the current fiscal year for such salaries and expenses, which several amounts or portions thereof, as may be determined by the Secretary, not exceeding a total of \$122,933 \$71,150 shall be transferred to and made a part of this appropriation: *Provided, however,* That if the total amounts of such appropriations or authorizations for the current fiscal year shall at any time exceed or fall below the amounts estimated, respectively, therefor in the Budget for such year, the amounts transferred or to be transferred therefrom to this appropriation and the amount which may be expended for personal services in the District of Columbia shall be increased or decreased in such amounts as [the Director of the Bureau of the Budget, after a hearing thereon with representatives of the Department, shall determine] are appropriate to the requirements as changed by such reductions or increases in such appropriations or authorizations: *Provided further,* That no part of the funds herein appropriated or made available to the Bureau of Agricultural Economics shall be used for State and county land-use planning. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$2,409,000

Appropriated 1946, \$2,110,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL						
Clerical, administrative, and fiscal service:	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Grade 13. Range \$6,230 to \$7,070:						
Assistant to the chief.....	1	\$6,860	1	\$6,650	1	\$6,000
Grade 12. Range \$5,180 to \$6,020:						
Personnel officer.....	1	5,600	1	5,180		
Grade 11. Range \$4,300 to \$5,180:						
Chief accountant.....	1	4,960	1	4,740	1	4,150
Employment officer.....	1	4,410	1	4,300	0.5	1,900

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL—CON.						
Clerical, administrative, and fiscal service—Continued	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	4	\$15,000	4	\$15,000	5.9	\$19,371
Assistant chief accountant.....	1	3,860	1	3,750	1	3,275
Secretary to chief of bureau.....	1	3,970	1	3,860	1	3,350
Grade 8. Range \$3,310 to \$3,970:						
Administrative assistant.....	1	3,970	1	3,970	1.7	5,575
Grade 7. Range \$2,980 to \$3,640:	17	54,410	17	53,410	15.1	41,202
Grade 6. Range \$2,650 to \$3,310:	11	31,210	11	30,910	9.7	23,348
Grade 5. Range \$2,320 to \$2,980:	63	153,010	63	151,900	65.1	137,179
Grade 4. Range \$2,100 to \$2,496:	96	205,992	96	203,942	96	175,623
Grade 3. Range \$1,902 to \$2,298:	66	130,175	71	137,891	70.1	114,893
Grade 2. Range \$1,704 to \$2,100:	40	71,818	42	71,818	27.4	39,965
Grade 1. Range \$1,506 to \$1,902:					0.1	155
Professional service:						
Grade 9. In excess of \$9,800:						
Chief of bureau.....	1	10,000	1	10,000	1	10,000
Grade 8. Range \$5,750 to \$9,800:						
Agricultural economist.....	2	18,419	2	18,025	1.5	12,375
Program analyst.....	3	28,350	3	27,562	3	25,250
Grade 7. Range \$7,175 to \$8,225:						
Agricultural economist.....	2	16,121	2	15,662	2	14,063
Head of division.....	8	59,688	8	59,688	6.7	46,968
Program relations officer.....	1	7,634	1	7,438	1	6,813
Statistical analyst.....	1	7,570	1	7,438	1	6,500
Grade 6. Range \$6,230 to \$7,070:						
Head of division.....	2	12,880	2	12,670	1.8	10,578
Agricultural economics statistician.....	1	6,335	1	6,230	1	5,600
Agricultural economist.....	16	109,245	16	101,990	14	80,709
Agricultural specialist.....	1	7,070	1	7,070	1	6,400
Information specialist.....	1	6,440	1	6,230	1	5,600
Social science analyst.....					0.2	1,514
Social scientist.....	2	13,090	3	19,320	2.5	14,200
Grade 5. Range \$5,180 to \$6,020:						
Agricultural economics statistician.....	6	32,130	6	32,130	6.8	32,211
Agricultural economist.....	27	147,290	27	146,790	28	133,866
Agricultural historian.....	2	11,085	2	10,780	2.1	9,732
Agricultural program analyst.....	1	5,390	1	5,180	1	4,600
Information specialist.....	3	16,275	3	15,960	2.1	9,660
Social science analyst.....	4	20,930	5	26,110	4.5	20,953
Social scientist.....	5	27,580	6	32,760	5.9	27,660
Grade 4. Range \$4,300 to \$5,180:						
Agricultural economics statistician.....	1	4,630	1	4,520	3.5	13,593
Agricultural economist.....	11	49,500	11	49,060	11.7	45,522
Agricultural historian.....	1	4,410	1	4,300	1	3,800
Agricultural program analyst.....					0.2	950
Information specialist.....	2	9,250	2	9,040	2	7,600
Legislative planning analyst.....	1	4,520	1	4,300	1	3,800
Social science analyst.....	2	8,820	1	4,300	2.5	9,794
Social scientist.....					0.1	464
Statistical analyst.....	1	4,410	1	4,300	1	3,811
Grade 3. Range \$3,640 to \$4,300:						
Agricultural economics statistician.....	5	18,750	5	18,750	4.1	13,450
Agricultural economist.....	12	45,820	12	44,780	14.5	46,553
Agricultural historian.....	1	3,750	1	3,640	0.8	2,550
Information specialist.....	4	15,110	4	14,890	4.1	13,483
Social science analyst.....	2.8	10,530	2.8	10,530	5.4	17,776
Social scientist.....	2	7,720	2	7,610	1.9	6,240
Statistician.....	1	3,750	1	3,640	1.4	4,551
Grade 2. Range \$2,980 to \$3,640:	19	58,112	20	60,920	24.1	63,248
Grade 1. Range \$2,320 to \$2,980:	13	31,040	16	37,998	11.5	23,262
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310:	1	2,870	1	2,760	1.1	2,540
Grade 5. Range \$2,100 to \$2,496:	1	2,232	1	2,166	1	1,800
Crafts, protective, and custodial service:						
Grade 6. Range \$2,166 to \$2,562:	1	2,298	1	2,232	1	1,875
Grade 4. Range \$1,770 to \$2,166:	1	1,902	1	1,836	1	1,545
Grade 3. Range \$1,572 to \$1,902:	4	6,618	4	6,618	4.5	6,175
Grade 2. Range \$1,440 to \$1,770:	5	7,464	5	7,464	7	8,874
Total permanent, departmental.....	484.8	1,562,273	497.8	1,572,008	490.1	1,364,499
Temporary employment, departmental.....	1	1,800	4	6,816	1.8	2,574
Overtime pay, departmental.....				31,325		236,428
All personal services, departmental.....	485.8	1,564,073	501.8	1,610,149	491.9	1,603,501
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service:						
Grade 6. Range \$2,650 to \$3,310:	1	2,760	1	2,650	0.7	1,738
Grade 5. Range \$2,320 to \$2,980:	10	24,140	10	23,640	3.7	7,803
Grade 4. Range \$2,100 to \$2,496:	20	46,000	27	58,218	29.9	52,982
Grade 3. Range \$1,902 to \$2,298:	17	33,060	17	32,730	16.4	27,323
Grade 2. Range \$1,704 to \$2,100:	4	6,900	4	6,816	4.1	6,060
Grade 1. Range \$1,506 to \$1,902:	1	1,836	1	1,770	1	1,373
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Regional representative.....	1	7,963	1	7,700	1	7,000
Grade 6. Range \$6,230 to \$7,070:						
Regional representative.....	6	39,670	6	39,670	5.8	34,333
Grade 5. Range \$5,180 to \$6,020:						
Agricultural economist.....	16	87,908	16	86,646	18.1	87,536
Social science analyst.....	4	21,420	4	21,420	4.5	21,646
Social scientist.....	1	5,495	1	5,390	1	4,600
Water planning analyst.....	1	5,390	1	5,180	1	4,600
Grade 4. Range \$4,300 to \$5,180:						
Agricultural economist.....	25	111,730	25	109,550	25	96,978
Social science analyst.....	7	30,760	7	30,760	7.6	29,253
Social scientist.....	1	4,520	1	4,300	0.2	1,087
Water planning analyst.....	2	9,260	2	9,040	2.5	9,770
Grade 3. Range \$3,640 to \$4,300:						
Agricultural economist.....	27	102,200	27	101,090	29.5	95,961
Social science analyst.....	5	19,500	10	37,060	10.2	32,842
Water planning analyst.....	3	11,250	3	11,250	2.6	8,500



By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD—continued</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service—Continued						
Grade 2. Range \$2,980 to \$3,640	15	\$46,800	15	\$45,800	15	\$40,206
Grade 1. Range \$2,320 to \$2,980	8	18,670	8	18,670	5.7	11,918
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980	1	2,540	1	2,430	1	2,000
Grade 4. Range \$1,902 to \$2,298	1	1,968	1	1,902	0.8	1,437
Total permanent, field	177	641,740	189	663,682	186.4	586,946
Temporary employment, field	10	17,000	12	20,333	15	21,600
W. A. E. employment, field	11	16,676	7	11,000	8	11,520
Overtime pay, field				14,675		108,294
All personal services, field	198	675,416	208	709,690	209.4	728,360
01 Personal services (net)	683.8		709.8		701.3	
	2,239,489		2,319,839		2,331,861	
<b>OTHER OBLIGATIONS</b>						
02 Travel		165,000		168,465		159,890
03 Transportation of things		4,525		4,525		4,307
04 Communication services		23,000		23,000		23,156
05 Rents and utility services		38,361		38,371		38,212
06 Printing and binding						49
07 Other contractual services		51,000		51,000		55,458
08 Supplies and materials		21,000		21,000		21,469
09 Equipment		11,475		8,000		8,213
Total other obligations		314,361		314,361		310,754
Grand total obligations		2,553,850		2,634,200		2,642,615
Reimbursements for services performed		-73,700		-75,000		-68,233
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"						+2,125
Received by transfer from—						
"Salaries and expenses, War Food Administration, Department of Agriculture"				-66,700		-130,000
Commodity Credit Corporation		-71,150		-72,500		-62,933
Federal Farm Mortgage Corporation						-52,444
Net total obligations		2,409,000		2,420,000		2,331,130
Covered into Treasury as miscellaneous receipts, Public Law 529						+840
Excess of obligations over appropriation due to Public Law 106				-310,000		
Estimated savings, unobligated balance						43,266
Total estimate or appropriation		2,409,000		2,110,000		2,375,236
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Economics of production		\$1,238,883		\$1,173,340		\$1,044,130
2. Prices, income, and marketing		647,000		597,000		534,161
3. Farm population and manpower		334,000		384,000		344,972
4. Program analysis and service		260,267		360,267		316,367
5. Services performed for other agencies		73,700		73,593		58,263
6. Overtime pay				46,000		344,722
Grand total obligations		2,553,850		2,634,200		2,642,615
Adjustments (see objects schedule for detail)		-144,850		-524,200		-267,379
Total estimate or appropriation		2,409,000		2,110,000		2,375,236

Crop and livestock estimates: For collecting, compiling, abstracting, analyzing, summarizing, interpreting, and publishing data relating to agriculture, including crop and livestock estimates, acreage, yield, grades, staples of cotton, stocks, and value of farm crops and numbers, grades, and value of livestock and livestock products on farms, [in cooperation with the Extension Service and other Federal, State, and local agencies,] and for the collection and publication of statistics of peanuts as provided by the Act approved June 24, 1936, as amended May 12, 1938 (7 U. S. C. 951-957), [\$1,520,000, together with such amounts from other appropriations or authorizations as are provided in the schedules in the Budget for the current fiscal year for such salaries and expenses, which several amounts or portions thereof, as may be determined by the Secretary, not exceeding a total of \$149,000, shall be transferred to and made a part of this appropriation: *Provided, however, That if the total amounts of such appropriations or authorizations for the current fiscal year shall at any time exceed or fall below the amounts estimated, respectively, therefor in the Budget for such year, the amounts transferred or to be transferred therefrom to this appropriation and the amount which may be expended for personal services in the District of Columbia shall be increased or decreased in such amounts as the Director of the Bureau of the Budget, after a hearing thereon with representatives of the Department, shall determine are appropriate to the requirements as changed by such reductions or increases in such appropriations or authorizations*] \$2,144,000: *Provided [further], That no part of the funds herein appropriated shall be available for any expense incident to ascertaining, collating, or publishing a report*

stating the intention of farmers as to the acreage to be planted in cotton: *Provided further, That*, or for estimates of apple production [shall be confined to] for other than the commercial crop. (7 U. S. C. 411a, 411b, 475-476; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$2,144,000

Appropriated 1946, \$1,520,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	\$4,630	1	\$4,520	1	\$3,800
Grade 7. Range \$2,980 to \$3,640	3	9,270	3	9,270	1.5	4,045
Grade 6. Range \$2,650 to \$3,310	5	14,130	5	14,130	3.6	8,522
Grade 5. Range \$2,320 to \$2,980	19.3	46,846	19	45,950	13.1	27,326
Grade 4. Range \$2,100 to \$2,496	45.7	99,634	45	98,064	33.6	62,460
Grade 3. Range \$1,902 to \$2,298	51	101,230	47	93,222	34.9	57,690
Grade 2. Range \$1,704 to \$2,100	11	19,836	9	16,428	10.7	16,764
Grade 1. Range \$1,506 to \$1,902					0.4	504
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Head of division	1	7,831	1	7,700	1.2	8,050
Grade 6. Range \$6,230 to \$7,070:						
Agricultural statistician	6	38,630	6	38,430	6.2	37,650
Assistant head of division	1	6,545	1	6,440	1	5,600
Livestock statistician	1	7,070	1	6,860	1	6,200
Grade 5. Range \$5,180 to \$6,020:						
Agricultural statistician	11.2	59,825	11	58,660	13	59,976
Analyst	1	5,390	1	5,180	0.7	3,220
Economist	1	6,020	1	6,020	0.3	1,380
Grade 4. Range \$4,300 to \$5,180:						
Agricultural statistician	12.3	54,810	11	48,620	10.8	42,476
Economist	2	8,600	2	8,600		
Secretary, crop reporting board	1	4,630	1	4,520	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Agricultural statistician	6.2	23,518	4	15,110	6.4	20,870
Analyst	5	18,470	5	18,420	1.1	3,520
Economist	2	7,280	2	7,280		
Grade 2. Range \$2,980 to \$3,640	12.8	40,484	11	34,320	7.1	18,996
Grade 1. Range \$2,320 to \$2,980	3	7,180	3	7,180	0.6	1,255
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310	1	2,980	1	2,870	1	2,275
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902	3	4,848	3	4,848	1.9	2,635
Grade 2. Range \$1,440 to \$1,770	1	1,440	1	1,440	0.8	1,078
Total permanent, departmental	207.5	601,127	195	564,082	152.9	400,092
Temporary employment, departmental	6	13,000	5	7,000	5	6,888
W. A. E. employment, departmental	4	7,350	2	3,000		
Overtime pay, departmental				12,320		73,181
All personal services, departmental	217.5	621,477	202	586,402	157.9	480,161
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640	1	3,145	1	3,090	1.4	3,818
Grade 5. Range \$2,320 to \$2,980	5	12,211	5	12,150	5.2	10,837
Grade 4. Range \$2,100 to \$2,496	26	56,664	26	56,544	32	60,734
Grade 3. Range \$1,902 to \$2,298	57	109,642	48	91,524	72.4	122,322
Grade 2. Range \$1,704 to \$2,100	147	254,286	125	215,698	118.4	178,285
Grade 1. Range \$1,506 to \$1,902	12.5	20,490	12	19,644	7.1	9,316
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Agricultural statistician	3.5	23,580	3.5	23,580	4	23,767
Grade 5. Range \$5,180 to \$6,020:						
Agricultural statistician	36	191,720	36	190,560	34.9	162,008
Analyst	1	5,320	1	5,180	0.1	767
Economist	6	32,700	6	32,550	1.5	7,200
Grade 4. Range \$4,300 to \$5,180:						
Agricultural statistician	25.9	116,938	25	112,848	28	110,548
Analyst	1	4,630	1	4,520	0.2	760
Economist	2	8,930	2	8,820	0.5	1,900
Grade 3. Range \$3,640 to \$4,300:						
Agricultural statistician	26.5	102,400	23	89,300	24	77,729
Analyst	4	15,274	4	15,220	0.9	3,084
Economist	4	14,990	4	14,890	0.8	2,710
Grade 2. Range \$2,980 to \$3,640	45.6	138,168	32	97,290	23.9	64,699
Grade 1. Range \$2,320 to \$2,980	11.1	26,240	9	21,270	8.1	17,521
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902					0.8	1,137
Grade 2. Range \$1,440 to \$1,770					0.7	980
Unclassified:						
Agent	10.5	10,500	10.5	10,500	10.1	10,709
Total permanent, field	425.6	1,147,828	374	1,025,478	375	870,831
Temporary employment, field	26	38,200	6	8,200	3.1	4,198
W. A. E. employment, field	27	42,911	13	20,231	10	16,609
Overtime pay, field				22,680		171,857
All personal services, field	478.6	1,228,939	393	1,076,589	388.1	1,063,495
01 Personal services (net)	696.1		595		546	
	1,850,416		1,662,991		1,543,656	
<b>OTHER OBLIGATIONS</b>						
02 Travel		120,000		95,000		90,990
03 Transportation of things		7,800		7,000		6,736
04 Communication services		33,550		31,000		31,308
05 Rents and utility services		37,000		32,000		33,327
07 Other contractual services		55,234		48,734		109,593



**BUREAU OF AGRICULTURAL ECONOMICS—Continued**  
**Salaries and Expenses, Bureau of Agricultural Economics—Con.**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS—continued			
08 Supplies and materials.....	\$51,000	\$46,000	\$53,207
09 Equipment.....	23,000	15,000	9,630
Total other obligations.....	327,584	274,734	334,791
Grand total obligations.....	2,178,000	1,937,725	1,878,447
Reimbursements for services performed. Received by transfer from "Salaries and expenses, War Food Administration, Department of Agriculture"	-34,000	-35,000	-28,335
Net total obligations.....	2,144,000	1,737,000	1,675,112
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+1,240
Excess of obligations over appropriation due to Public Law 106.....		-217,000	
Estimated savings, unobligated balance.....			58,648
Total estimate or appropriation.....	2,144,000	1,520,000	1,735,000

**Special Research Fund, Department of Agriculture (Bureau of  
Agricultural Economics)—**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Special researches on economic factors affecting the farm industry</i>						
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496.....	3	\$7,092	3	\$7,092	2.5	\$5,145
Grade 3. Range \$1,902 to \$2,298.....	1	1,902	1	1,902	1	1,770
Professional service:						
Grade 6. Range \$6,230 to \$7,070: Agricultural economist.....	1	6,440	1	6,440	1	5,700
Grade 5. Range \$5,180 to \$6,020: Agricultural economist.....	1	5,390	1	5,390	1	4,700
Grade 4. Range \$4,300 to \$5,180: Agricultural economist.....	3	13,340	3	13,340	2.1	7,980
Grade 3. Range \$3,640 to \$4,300: Agricultural economist.....					0.9	2,933
Total permanent, departmental.....	9	34,164	9	34,164	8.5	28,228
Temporary employment, departmental.....	1	1,210	1	1,210	3.5	4,103
Overtime pay, departmental.....				574		5,391
All personal services, departmental.....	10	35,374	10	35,948	12	37,722
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service:						
Grade 3. Range \$1,902 to \$2,298.....	1	2,034	1	2,034	1	1,695
Professional service:						
Grade 5. Range \$5,180 to \$6,020: Agricultural statistician.....	0.5	2,695	0.5	2,695	0.6	2,780
Grade 3. Range \$3,640 to \$4,300: Agricultural statistician.....	0.2	728	0.2	728	0.2	640
Unclassified:						
Agent.....	10	14,070	10	14,070	9.6	13,024
Total permanent, field.....	11.7	19,527	11.7	19,527	11.4	18,139
Temporary employment, field.....	0.3	474	0.3	474	0.6	1,043
Overtime pay, field.....				289		1,014
All personal services, field.....	12	20,001	12	20,290	12	20,196
01 Personal services (net).....	22	55,375	22	56,238	24	57,918
OTHER OBLIGATIONS						
02 Travel.....		3,000		3,000		1,788
03 Transportation of things.....		25		25		8
04 Communication services.....		70		70		2
05 Rents and utility services.....		200		200		1,346
06 Printing and binding.....		1,000		1,000		
07 Other contractual services.....		65		65		46
08 Supplies and materials.....		120		120		796
09 Equipment.....		100		100		
Total other obligations.....		4,580		4,580		3,986
Grand total obligations.....		59,955		60,818		61,904
Reimbursements for services performed... Allotted from "Special research fund, Department of Agriculture"		-59,955		-60,818		-61,700
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+5
Estimated savings, unobligated balance.....						889
Total estimate or appropriation.....						

**Working Funds, Agriculture, Bureau of Agricultural Economics—**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL						
Clerical, administrative, and fiscal service:	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Grade 9. Range \$3,640 to \$4,300:						
Clerk					0.2	\$748
Grade 7. Range \$2,980 to \$3,640					0.2	520
Grade 5. Range \$2,320 to \$2,980			0.5	\$1,215	1	2,000
Grade 4. Range \$2,100 to \$2,496			0.9	1,949	3.4	6,224
Grade 3. Range \$1,902 to \$2,298			3	5,772	3.3	5,444
Grade 2. Range \$1,704 to \$2,100			4.8	8,244	3.6	5,185
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Head of division					0.1	650
Grade 6. Range \$6,230 to \$7,070:						
Agricultural statistician					0.3	1,680
Social science analyst			0.2	1,246	0.3	1,758
Grade 5. Range \$5,180 to \$6,020:						
Agricultural statistician					0.1	460
Social science analyst			0.5	2,590	0.4	1,840
Grade 4. Range \$4,300 to \$5,180:						
Agricultural statistician			0.5	2,150	0.9	3,483
Social science analyst					0.3	1,140
Grade 3. Range \$3,640 to \$4,300:						
Agricultural statistician			0.5	1,820	0.9	2,963
Social science analyst			0.2	802	1	3,200
Grade 2. Range \$2,980 to \$3,640			0.2	684	1	2,600
Grade 1. Range \$2,320 to \$2,980			0.5	1,160	0.7	1,400
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902					0.1	132
Grade 2. Range \$1,440 to \$1,770					0.1	120
Total permanent, departmental			11.8	27,632	17.9	41,547
Part-time employment, departmental					1	1,919
Overtime pay, departmental				3,621		8,213
All personal services, departmental			11.8	31,253	18.9	51,679
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Business analyst			1	4,300		
Grade 9. Range \$3,640 to \$4,300:						
Business analyst			0.5	1,850	0.8	2,750
Grade 7. Range \$2,980 to \$3,640			0.5	1,510	0.2	618
Grade 5. Range \$2,320 to \$2,980			2.5	5,836	2.9	5,820
Grade 4. Range \$2,100 to \$2,496			1.1	2,310	5.6	10,296
Grade 3. Range \$1,902 to \$2,298			6.7	13,304	22.4	37,947
Grade 2. Range \$1,704 to \$2,100			2	3,490	25	36,179
Grade 1. Range \$1,506 to \$1,902					1.2	1,524
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Regional agricultural analyst			0.5	3,310	0.2	1,160
Grade 5. Range \$5,180 to \$6,020:						
Agricultural economist			0.5	2,902	0.2	920
Agricultural statistician					0.5	2,400
Social science analyst			0.2	1,036	0.1	460
Grade 4. Range \$4,300 to \$5,180:						
Social science analyst					1.1	4,180
Grade 3. Range \$3,640 to \$4,300:						
Agricultural economist					0.8	2,560
Agricultural program analyst					0.2	680
Agricultural statistician					0.8	2,580
Social science analyst			0.2	728	1	3,230
Grade 2. Range \$2,980 to \$3,640			0.7	2,155	1.1	2,860
Grade 1. Range \$2,320 to \$2,980					1.6	3,270
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902					0.2	264
Total permanent, field			16.4	42,731	65.9	119,698
Temporary employment, field					5	10,341
W. A. E. employment, field			1.5	2,880	22	45,618
Overtime pay, field				2,335		38,214
All personal services, field			17.9	47,946	92.9	213,871
01 Personal services (net)			29.7	79,199	111.8	265,550
OTHER OBLIGATIONS						
02 Travel				5,000		17,986
03 Transportation of things				25		28
04 Communication services				200		166
06 Printing and binding				250		515
07 Other contractual services						73,000
08 Supplies and materials				525		2,793
Total other obligations				6,000		94,488
Grand total obligations				85,199		360,038
Advanced from—						
Bureau of the Census				—1,000		—51,000
Department of the Interior				—15,000		—23,425
Federal Communications Commission				—10,000		—15,000
Federal Crop Insurance Corporation						—55,000
Office of Price Administration				—19,500		—59,379
Treasury Department						—80,000
War Department						—6,500
Prior year balance available in 1945						—109,433
1945 balance available in 1946				—39,699		+39,699
Total estimate or appropriation						



By projects or functions	Obligations			By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945		Estimate, 1947	Estimate, 1946	Actual, 1945
1. Statistics on prices received by farmers for specified agricultural products, farm value, and other data (Bureau of the Census).....		\$14, 774	\$23, 506	8. Collecting and analyzing data on acreages and yields, by counties, and on wheat, cotton, corn, and other products for the Federal Crop Insurance Corporation (Department of Agriculture).....		\$1, 465	\$43, 573
2. Planning and developing new methods of procuring agricultural data (Bureau of the Census).....		1, 314	88, 219	9. Study of the problems of radio program service to rural areas (Federal Communications Commission).....		21, 800	1, 050
3. Research on character, scope, and organization of the Central Valley and Yuma Mesa projects of the Bureau of Reclamation (Interior Department).....		15	23, 741	10. Study of veterans readjustment to civilian employment for quartermaster's service (War Department).....		1, 747	4, 080
4. Study of the development of food products industries in the Columbia Basin (Interior Department).....		14, 400		11. Overtime pay.....		5, 956	46, 427
5. Study of major agricultural economic situations, conditions, and possibilities, particularly in region 5 of Bureau of Reclamation (Interior Department).....		2	8, 467	Grand total obligations.....		85, 199	360, 038
6. Collecting and analyzing statistics on dairy products (Office of Price Administration).....		17, 747	52, 867	Adjustments (see objects schedule for detail).....		-85, 199	-360, 038
7. Studies of the effectiveness of the various methods of selling war bonds and factors affecting the sale of bonds and related information (Treasury Department).....		5, 979	68, 108	Total estimate or appropriation.....			
				Total, Bureau of Agricultural Economics, annual appropriations, general account:			
				Estimate 1947, \$4,553,000		Appropriated 1946, \$3,630,000	

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## BUREAU OF AGRICULTURAL ECONOMICS

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Bureau of Agricultural Economics, economic investigations.....	7	\$7, 350	4	\$1, 200	\$6, 150	8	\$3, 750	For use of research specialists engaged in field work on farm management and land use problems at various points throughout the United States.
Salaries and expenses, Bureau of Agricultural Economics, crop and livestock estimates.....	9	9, 450	5	1, 500	7, 950	24	8, 250	For use of statistician in charge of the preparation of crop and livestock estimates in important agricultural areas.
Total.....	16	16, 800	9	2, 700	14, 100	32	12, 000	

## OFFICE OF FOREIGN AGRICULTURAL RELATIONS

## Salaries and Expenses, Office of Foreign Agricultural Relations—

Salaries and expenses: For carrying out the functions of the Secretary under the Act of June 5, 1930, as amended (7 U. S. C. 541-545), [independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations and persons engaged in the production, transportation, marketing, and distribution of farm and food products,] and for enabling the Secretary to coordinate and integrate activities of the Department in connection with foreign agricultural work, including the employment of persons and means in the District of Columbia and elsewhere, the purchase, maintenance, repair and operation of one passenger automobile in the District of Columbia, and the purchase of [such] books and periodicals and not to exceed \$500 for newspapers [as may be necessary in connection with this work, \$500,000], \$650,000. (5 U. S. C. 511-512, 573; Act of May 5, 1945, Public Law 52.)

Annual appropriation, general account:

Estimate 1947, \$650,000

Appropriated 1946, \$500,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer.....	1	\$5, 180	0.2	\$1, 138		
Grade 11. Range \$4,300 to \$5,180:						
Administrative assistant.....	1	4, 300	0.6	2, 150		
Grade 9. Range \$3,640 to \$4,300:						
Head, fiscal section.....	1	3, 640	0.3	1, 092		
Chief, personnel section.....	1	3, 640	0.6	1, 820		
Grade 8. Range \$3,310 to \$3,970.....	1	3, 530	1.4	5, 033	2	\$6, 400
Grade 7. Range \$2,980 to \$3,640.....	7	22, 290	5	16, 148	3.9	10, 633
Grade 6. Range \$2,650 to \$3,310.....	7.5	20, 535	4	11, 074	2.7	7, 266
Grade 5. Range \$2,320 to \$2,980.....	19	47, 414	19	46, 299	14.2	29, 636
Grade 4. Range \$2,100 to \$2,496.....	35	78, 448	35	77, 569	35.9	65, 240
Grade 3. Range \$1,902 to \$2,298.....	21	41, 196	21	40, 785	12.7	20, 737
Grade 2. Range \$1,704 to \$2,100.....	1	1, 770	1	1, 704	1.2	1, 736

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL—CON.						
Professional service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 8. Range \$8,750 to \$9,800:						
Director.....	1	\$9, 275	1	\$9, 275	1	\$8, 250
Associate director.....	1	8, 750			0.5	3, 667
Chief, commodities branch.....	1	8, 750	1	8, 750	0.8	6, 333
Chief, regional branch.....	1	9, 013	1	9, 013	1	8, 000
Grade 7. Range \$7,175 to \$8,225:						
Assistant director.....	1	7, 700	1	7, 559	1.2	8, 163
International commodity specialist, agricultural machinery.....					0.6	3, 953
International commodity specialist, fertilizer.....			1	7, 438		
International commodity specialist, fruits and vegetables.....	1	7, 438	1	7, 438	0.9	5, 633
International commodity specialist, livestock products.....	1	7, 438	1	7, 438	0.9	5, 958
International commodity specialist, sugar and seeds.....	1	7, 438	1	7, 438	1	6, 500
International commodity specialist, tobacco.....	1	7, 438	1	7, 175	1	6, 728
International commodity specialist, vegetable fibers.....	1	7, 438	1	7, 438	1	6, 500
International commodity specialist, grains and oil seeds.....	1	7, 438	1	7, 395	1	6, 500
Division head, international economic studies.....	1	7, 438	1	7, 438	1	6, 500
Division head, regional branch.....	1	7, 175				
Assistant chief of branch.....					0.5	3, 139
Grade 6. Range \$6,230 to \$7,070:						
Liaison officer.....	1	7, 070	1	7, 070	0.8	4, 278
Special assistant to director.....					0.3	1, 867
Assistant to chief of branch.....			1	6, 440		
Commodity specialist.....	4	25, 770	4	25, 752		
Foreign country specialist.....	2	12, 460	2	12, 460	4	22, 555
Economic geographer.....	1	6, 440	1	6, 440	1	5, 600
Assistant chief, information.....					1	5, 600
Grade 5. Range \$5,180 to \$6,020:						
Commodity specialist.....	5	26, 740	5	26, 651	0.5	3, 240
Foreign country specialist.....	2	10, 780	2	10, 780	2	9, 392
Information specialist.....	1	5, 180	1	5, 180		
Grade 4. Range \$4,300 to \$5,180:						
Commodity specialist.....	3	13, 570	2	9, 040		
Foreign country specialist.....	4	17, 730	3.4	14, 957	5.5	21, 270
Information specialist.....	2	9, 040	2	9, 040	2	7, 663



## OFFICE OF FOREIGN AGRICULTURAL RELATIONS—Con.

Salaries and Expenses, Office of Foreign Agricultural Relations—  
Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL—CON.	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service—Continued						
Grade 3. Range \$3,640 to \$4,300:						
Commodity specialist	6	\$23,050	6	\$22,740	2.4	\$7,632
Foreign country specialist	5	19,150	3.9	14,911	0.7	2,355
Information specialist					0.4	1,333
Grade 2. Range \$2,980 to \$3,640	6	19,530	3	10,490	6.6	17,745
Grade 1. Range \$2,320 to \$2,980	8	20,250	8	19,973	6.2	13,193
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310	1	2,760	1	2,713	0.7	1,634
Grade 6. Range \$2,320 to \$2,980	2	4,750	2	4,750	1.4	2,822
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902	1	1,638	1	1,580	0.3	330
Grade 2. Range \$1,440 to \$1,770	6	8,706	5	7,200	3.2	3,807
Total permanent, departmental	163.5	569,316	154.4	516,779	124.0	359,789
Temporary employment, departmental					1.4	2,694
Part-time employment, departmental	0.6	3,717	0.6	3,717	1	2,035
Overtime pay, departmental				8,633		60,597
All personal services, departmental	169.1	573,033	155	529,129	126.4	425,115
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Commodity specialist	1	6,650	1	6,650	1	5,900
W. O. C. employment, field	1	0	1	0	1	0
Overtime pay, field				60		623
All personal services, field	2	6,650	2	6,710	2	6,523
01 Personal services (net)	171.1	579,683	157	535,839	128.4	431,643
OTHER OBLIGATIONS						
02 Travel		22,000		15,500		7,950
03 Transportation of things		5,000		3,500		3,350
04 Communication services		11,500		9,500		9,000
07 Other contractual services		15,000		12,500		11,700
08 Supplies and materials		7,317		3,661		2,460
09 Equipment		9,500		4,500		9,823
Total other obligations		70,317		49,161		44,283
Grand total obligations		650,000		585,000		475,926
Reimbursements for services performed						-9,819
Net total obligations		650,000		585,000		466,107
Covered into Treasury as miscellaneous receipts, Public Law 529						+340
Excess of obligations over appropriation due to Public Law 106				-85,000		
Estimated savings, unobligated balance						15,058
Total estimate or appropriation		650,000		500,000		481,503

Exportation and Domestic Consumption of Agricultural Commodities,  
Department of Agriculture (Office of Foreign Agricultural  
Relations)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
Services required in the administration of sec. 32 of the act of Aug. 24, 1935						
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Commodity specialist	1	\$6,440	1	\$6,440	1	\$5,600
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer			0.8	4,042	1	4,600
Grade 6. Range \$2,650 to \$3,310	2	5,630	2	5,548	1.9	4,337
Grade 5. Range \$2,320 to \$2,980	1	2,430	1	2,413	0.9	1,761
Grade 4. Range \$2,100 to \$2,496	2	4,398	2	4,365	3	5,440
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Foreign country specialist	1	7,175	1	7,175	0.1	542
Grade 6. Range \$6,230 to \$7,070:						
Foreign country specialist					0.9	5,133
Grade 5. Range \$5,180 to \$6,020:						
Economist	1	5,180	1	5,180		
Grade 4. Range \$4,300 to \$5,180:						
Commodity specialist	0.9	3,870			1	3,800

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
Services required in the administration of sec. 32 of the act of Aug. 24, 1935—Con.						
PERSONAL SERVICES, DEPARTMENTAL—CON.	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service—Continued						
Grade 3. Range \$3,640 to \$4,300:						
Agricultural economist	1	\$3,750	1	\$3,644	0.1	\$133
Grade 2. Range \$2,980 to \$3,640					0.6	1,639
Total permanent, departmental	9.9	38,873	9.8	38,807	10.5	32,985
Overtime pay, departmental				674		5,394
01 Personal services (net)	9.9	38,873	9.8	39,481	10.5	38,379
OTHER OBLIGATIONS						
04 Communication services						267
08 Supplies and materials		149		215		376
Total other obligations		149		215		643
Grand total obligations		39,022		39,696		39,022
Allotted from "Exportation and domestic consumption of agricultural commodities, Department of Agriculture"		-39,022		-39,696		-40,000
Estimated savings, unobligated balance						978
Total estimate or appropriation						

Rubber Investigations, Bureau of Plant Industry (Office of Foreign  
Agricultural Relations)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
Services to be performed in the development of rubber production in the Western Hemisphere						
PERSONAL SERVICES, FIELD	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Agriculturist			1	\$5,390	0.1	\$383
Pathologist			1	5,390	0.1	383
Total permanent, field			2	10,780	0.2	766
Overtime pay, field				126		105
Additional pay for foreign service, field				1,078		78
01 Personal services (net)			2	11,984	0.2	949
OTHER OBLIGATIONS						
02 Travel				1,125		
Grand total obligations				13,109		949
Prior year balance available in 1945						-14,058
1945 balance available in 1946				-13,109		+13,109
Total estimate or appropriation						

Emergency Fund for the President, National Defense (Allotment to  
Agriculture) (Office of Foreign Agricultural Relations)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
Expenses involved in detailing technical experts to British Ministry of Agriculture on livestock and other food-production problems						
PERSONAL SERVICES, FIELD	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Drainage engineer					0.5	\$1,922
Grade 3. Range \$3,640 to \$4,300:						
Drainage engineer					0.8	2,548
Total permanent, field					1.3	4,470
Overtime pay, field						803
01 Personal services (net)					1.3	5,273



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Expenses involved in detailing technical experts to British Ministry of Agriculture on livestock and other food-production problems—Continued</i>			
<b>OTHER OBLIGATIONS</b>			
02 Travel.....			\$3,803
Grand total obligations.....			9,076
Prior year balance available in 1945.....			-13,067
Estimated savings, unobligated balance.....			3,991
Total estimate or appropriation.....			

### Foreign Service Pay Adjustment, Appreciation of Foreign Currencies (Department of Agriculture)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>To meet losses sustained by officers and employees of the United States in foreign currencies in relation to the American dollar</i>			
01 Personal services (net).....		\$375	
Received by transfer from appropriation under above title.....		-375	-\$1,500
Estimated savings, unobligated balance.....			1,500
Total estimate or appropriation.....			

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

### OFFICE OF FOREIGN AGRICULTURAL RELATIONS

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Office of Foreign Agricultural Relations.	1	\$1,050			\$1,050		\$200	To be used by officials of this Office in contacting various embassies and legations of other governments, and in transporting to Beltsville (Agricultural Research Center) foreign visitors who are collaborating in the work of the Office.

### INTERNATIONAL PRODUCTION CONTROL [COMMITTEE] COMMITTEES

Not to exceed \$12,500 may be expended from the appropriations "Salaries and expenses, Agricultural Adjustment Administration" and "Sugar Act" for the share of the United States as a member of the International Wheat Advisory Committee, the International Sugar Council, or like events or bodies concerned with the reduction of agricultural surpluses or with other objectives of said appropriations, together with traveling and other necessary expenses relating thereto. (5 U. S. C. 570; Act of May 5, 1945, Public Law 52.)

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service: Grade 5. Range \$2,320 to \$2,980.....	1 \$2,430	1 \$2,430	1 \$2,000
Overtime pay, departmental.....		70	433
01 Personal services (net).....	1 \$2,430	1 2,500	1 2,433
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	3,000	3,000	
11 Grants, subsidies, and contributions.....	7,070	7,000	6,250
Total other obligations.....	10,070	10,000	6,250
Grand total obligations.....	12,500	12,500	8,683
Allotted from—			
"Salaries and expenses, Agricultural Adjustment Administration".....	-8,500	-8,500	-8,500
"Administration of Sugar Act, Department of Agriculture".....	-4,000	-4,000	-4,000
Estimated savings, unobligated balance.....			3,817
Total estimate or appropriation.....			

### EXTENSION SERVICE

#### PAYMENTS TO STATES, HAWAII, ALASKA, AND PUERTO RICO

#### Payments to States, Hawaii, Alaska, and Puerto Rico for Cooperative Agricultural Extension Work—

For payments to the States, Hawaii, Alaska, and Puerto Rico, for cooperative agricultural extension work as follows:

Capper-Ketcham, Bankhead-Jones, and related Acts: Capper-Ketcham Act, the Act approved May 22, 1928 (7 U. S. C. 343a,

343b), \$1,480,000; Bankhead-Jones Act, section 21, title II, of the Act approved June 29, 1935 (7 U. S. C. 343c), \$12,000,000; *Bankhead-Jones Act, section 23, title II, of the Act approved June 29, 1935, as amended by the Act of June 6, 1945 (Public Law 76), \$8,500,000*; additional extension work, the Act approved April 24, 1939, as amended (7 U. S. C. 343c-1), \$555,000; Alaska, the Act approved February 23, 1929 (7 U. S. C. 386c), extending the benefits of the Smith-Lever Act to the Territory of Alaska, \$13,950, and section 3 of the Act approved June 20, 1936 (7 U. S. C. 343e), extending the benefits of the Capper-Ketcham Act to the Territory of Alaska, \$10,000, in all, for Alaska, \$23,950; Puerto Rico, the Act approved August 28, 1937 (7 U. S. C. 343f-343g), extending the benefits of section 21 of the Bankhead-Jones Act to Puerto Rico, \$140,000; in all, Capper-Ketcham, Bankhead-Jones, and related Acts, **[\$14,198,950] \$22,698,950.**

[For carrying into effect Public Law 76, Seventy-ninth Congress, approved June 6, 1945, for cooperative agricultural extension work, fiscal year 1946, \$4,500,000.] (Act of May 5, 1945, Public Law 52; Act of July 5, 1945, Public Law 132.)

Estimate 1947, **\$22,698,950**

Appropriated 1946, **\$18,698,950**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
11 Grants, subsidies, and contributions: Capper-Ketcham Act (act of May 22, 1928).....	\$1,480,000	\$1,480,000	\$1,480,000
Bankhead-Jones Act, sec. 21, title II (act of June 29, 1935).....	12,000,000	12,000,000	12,000,000
Bankhead-Jones Act, sec. 23, title II, of the act approved June 29, 1935, as amended by the act of June 6, 1945 (Public Law 76).....	8,330,000	4,410,000	
Additional extension work (act of Apr. 24, 1939).....	555,000	555,000	555,000
Alaska:			
(Act of Feb. 23, 1929).....	13,950	13,950	13,950
(Act of June 20, 1936).....	10,000	10,000	10,000
Puerto Rico (act of Aug. 28, 1937).....	140,000	140,000	140,000
Grand total obligations.....	22,528,950	18,608,950	14,198,950
Allotted to "Bankhead-Jones Act, sec. 23, title II (act of June 29, 1935), as amended by the act of June 6, 1945, Public Law 76 (allotted to Federal Extension Service)".....	+170,000	+90,000	
Total estimate or appropriation.....	22,698,950	18,698,950	14,198,950



## EXTENSION SERVICE—Continued

## SALARIES AND EXPENSES

## Salaries and Expenses, Extension Service—

Administration and coordination of extension work: For the employment of persons and means in the District of Columbia and elsewhere to enable the Secretary to administer the provisions of the Smith-Lever Act, approved May 8, 1914 (7 U. S. C. 341-348), and Acts amendatory or supplementary thereto, and to coordinate the extension work of the Department and the several States, Territories, and insular possessions, [including cooperation with other bureaus and offices of the Department, and Federal, State, county, and other agencies, in the development, preparation, and distribution of educational material designed to increase the effectiveness of cooperative extension work as conducted by the Department in cooperation with land-grant colleges, \$697,900] \$776,900, of which amount not to exceed [\$543,610] \$620,000 may be expended for personal services in the District of Columbia. (5 U. S. C. 511-512; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$776,900

Appropriated 1946, \$697,900

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Assistant director of extension work	1	\$7,435	1	\$7,327	1	\$6,500
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer	1	5,390	1	5,204	0.6	2,900
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	2	9,040	1	4,622	1.4	5,478
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	2	7,940	1.8	7,033	2	6,675
Grade 8. Range \$3,310 to \$3,970:						
Director of extension work	2	7,280	2	7,221	1	3,175
Grade 7. Range \$2,980 to \$3,640:						
Assistant director of extension work	8	25,820	7.3	23,315	6.2	17,358
Grade 6. Range \$2,650 to \$3,310:						
Extension agricultural economist	6	17,990	6	17,694	4.3	11,039
Grade 5. Range \$2,320 to \$2,980:						
Extension agricultural economist	13	34,340	12	31,509	14.6	31,692
Grade 4. Range \$2,100 to \$2,496:						
Extension agricultural economist	47.3	106,788	45.2	102,318	41.3	78,730
Grade 3. Range \$1,902 to \$2,298:						
Extension agricultural economist	22.3	45,978	18.6	37,779	19.1	32,418
Grade 2. Range \$1,704 to \$2,100:						
Extension agricultural economist	4	7,014	4	6,917	4.5	6,605
<b>Professional service:</b>						
Grade 8. Range \$8,750 to \$9,800:						
Director of extension work	1	9,800	1	9,800	1	9,000
Grade 7. Range \$7,175 to \$8,225:						
Assistant director of extension work	1	8,225	1	8,225	1	7,500
Chief, division of field coordination	1	7,963	1	7,892	1	7,000
Chief, division of subject matter	1	7,175	1	7,175	1	7,000
Grade 6. Range \$6,230 to \$7,070:						
Assistant to the director	1	6,440	0.8	5,152	1	5,700
Chief, agricultural and home economics section	1	6,860	1	6,804	1	6,000
Chief, division of extension information	1	6,650	1	6,593	1	5,800
Chief, division of field studies and training	1	7,070	1	6,755	1	5,600
Chief, economics section	1	7,070	1	6,755	1	5,600
Extension agriculturists	2	13,720	2	13,607	2	12,000
Technical analyst	1	6,650	1	6,650	1	5,849
Grade 5. Range \$5,180 to \$6,020:						
Extension agent in home industries	1	5,390	1	5,228	1	4,737
Extension agriculturist	8	46,800	8.5	49,740	7.9	40,517
Extension agricultural economist	5.9	34,050	5.6	31,415	4.6	22,251
Extension agronomist	1	6,020	1	6,020	0.8	4,383
Extension animal husbandman	1	6,020	1	6,020	1	5,400
Extension educationist	1	5,810	1	5,754	1	5,000
Extension entomologist	1	5,810	1	5,754	1	5,000
Extension home economist	8	46,450	8	46,003	7.8	39,256
Extension information specialist	1	5,390	1	5,390	1	4,600
Extension pathologist	1	6,020	1	6,020	1	5,400
Extension poultry husbandman	1	6,020	1	5,964	1	5,200
Extension specialist in home management	1	6,020	1	6,020	1	5,400
Extension specialist in parent education	1	5,810	1	5,754	1	5,000
Extension specialist in visual instruction	1	5,600	1	5,543	1	4,800
Grade 4. Range \$4,300 to \$5,180:						
Extension agricultural economist	1	4,300	0.8	3,440		
Extension agricultural engineer	0.5	2,590	0.5	2,531	0.5	2,200
Extension agricultural research writer	1	4,320	1	4,320	1	3,800
Extension analyst	1	4,300	1	4,300	0.4	1,583
Extension information specialist	1	4,320	1.7	7,521	1	3,800
Extension specialist in visual instruction	1	4,520	1	4,503	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Extension analyst	1	3,750	1	3,703	1.2	3,883
Extension economist					1	3,200
Extension information specialist	1	3,750	1	3,750	1	3,200
Grade 2. Range \$2,980 to \$3,640:						
Extension analyst	5	15,560	4.5	13,935	4.2	10,937
Grade 1. Range \$2,320 to \$2,980:						
Extension analyst	1	2,430	1	2,362	0.4	672

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL—con.	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980	1	\$2,430	1	\$2,396	1	\$2,029
Grade 5. Range \$2,100 to \$2,496	1	2,166	1	2,105	0.4	665
Grade 4. Range \$1,902 to \$2,298					0.6	914
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902	2	3,342	1.5	2,548	1.1	1,587
Grade 2. Range \$1,440 to \$1,770	5	7,662	4	5,994	3.9	5,033
Total permanent, departmental	176	619,821	165.8	590,580	157.8	483,876
W. A. E. employment, departmental	0.1	179	0.1	255	0.1	24
W. O. C. employment, departmental	2	0	2	0	2	0
Overtime pay, departmental				9,534		78,698
All personal services, departmental	178.1	620,000	167.9	600,369	159.9	562,598
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service:						
Grade 6. Range \$2,650 to \$3,310	0.5	1,325	0.5	1,325		
Grade 4. Range \$2,100 to \$2,496					0.5	1,080
Grade 3. Range \$1,902 to \$2,298	4	8,202	4	8,072	3.4	5,680
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Extension agriculturist	1	7,070	1	7,070	1	6,400
Grade 5. Range \$5,180 to \$6,020:						
Extension agricultural economist					0.5	2,389
Extension marketing specialist	1	5,810	1	5,754	1	5,000
Grade 4. Range \$4,300 to \$5,180:						
Extension cotton ginning specialist	2	9,040	2	9,040	3	11,242
Field agent, Negro extension work	2	9,480	2	9,387	1.8	7,020
Unclassified:						
Agent			0.5	1,900	1	3,652
Total permanent, field	10.5	40,927	11	42,548	12.2	42,463
W. A. E. employment, field	0.1	1,240	0.1	1,200	1.5	3,221
Overtime pay, field				631		6,326
All personal services, field	10.6	42,167	11.1	44,379	13.7	52,010
01 Personal services (net)	188.7	662,167	179	644,748	173.6	614,608
OTHER OBLIGATIONS						
02 Travel		56,000		58,500		66,210
03 Transportation of things		34,242		34,242		21,433
04 Communication services		6,000		7,000		7,799
05 Rents and utility services		600		600		281
07 Other contractual services		19,776		23,860		25,998
08 Supplies and materials		2,650		2,650		3,647
09 Equipment		1,500		1,000		890
Total other obligations		120,768		127,852		126,258
Grand total obligations		782,935		772,600		740,866
Reimbursements for services performed		-6,035		-14,700		-7,909
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"						+5,000
Net total obligations		776,900		757,900		737,957
Covered into Treasury as miscellaneous receipts, Public Law 529						+420
Excess of obligations over appropriation due to Public Law 106				-60,000		
Estimated savings, unobligated balance						47,466
Total estimate or appropriation		776,900		697,900		785,843
BY PROJECTS OR FUNCTIONS						
1. General administration and business service		\$166,258		\$156,657		\$126,430
2. Review and analysis of State budgets, projects, and plans, and examination of State expenditures from Federal payments		57,551		56,821		57,279
3. Planning and coordination of State and county extension work		141,637		137,883		120,745
4. Development of technical subject matter for use by State extension forces		205,710		192,736		176,030
5. Field studies of extension work and the training of extension workers		90,686		88,974		73,812
6. Preparation and distribution of visual material and extension literature to Department and State extension forces		115,058		114,664		94,251
7. Services performed for other agencies		6,035		14,700		7,295
8. Overtime pay				10,165		85,024
Grand total obligations		782,935		772,600		740,866
Adjustments (see objects schedule for detail)		-6,035		-74,700		+44,977
Total estimate or appropriation		776,900		697,900		785,843



**Bankhead-Jones Act, Section 23, Title II (Act of June 29, 1935), as Amended by the Act of June 6, 1945, Public Law 76 (Allotted to Federal Extension Service)—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Federal administration under Bankhead-Jones Act, sec. 23, title II</i>			
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Clerical, administrative, and fiscal service:			
Grade 7. Range \$2,980 to \$3,640.....	2 \$5,960		
Grade 5. Range \$2,320 to \$2,980.....	2 4,640		
Grade 4. Range \$2,100 to \$2,496.....	6 12,666	3 \$6,366	
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Agriculturist, personnel training.....	1 6,230		
Grade 5. Range \$5,180 to \$6,020:			
Extension agriculturist.....	2 10,360		
Extension field agent.....	5.5 28,396	1 5,180	
Extension organization analyst.....	1 5,180	0.8 3,885	
Grade 4. Range \$4,300 to \$5,180:			
Information specialist.....	2 8,820	1 4,350	
Grade 3. Range \$3,640 to \$4,300:			
State extension program analyst.....	1 3,640	0.8 2,727	
Total permanent, departmental.....	22.5 85,892	6.6 22,508	
W. A. E. employment, departmental.....	0.1 708	1 7,500	
Overtime pay, departmental.....		210	
All personal services, departmental.....	22.6 86,600	7.6 30,218	
<b>PERSONAL SERVICES FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 4. Range \$2,100 to \$2,496.....	3 6,300	2 4,428	
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Assistant director of extension work.....	6 44,100	4 29,750	
Total permanent, field.....	9 50,400	6 34,178	
W. A. E. employment, field.....		0.8 4,415	
Overtime pay, field.....		189	
All personal services, field.....	9 50,400	6.8 38,782	
01 Personal services (net).....	31.6 137,000	14.4 69,000	
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	25,000	15,000	
04 Communication services.....	2,500	1,500	
07 Other contractual services.....	2,500	2,500	
08 Supplies and materials.....	800	500	
09 Equipment.....	2,200	1,500	
Total other obligations.....	33,000	21,000	
Grand total obligations.....	170,000	90,000	
Allotted from "Payments to States, Hawaii, Alaska, and Puerto Rico for cooperative agricultural extension work".....	-170,000	-90,000	
Total estimate or appropriation.....			

**Salaries and Expenses, War Food Administration, Department of Agriculture (Extension Service)—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Emergency extension work necessary to the successful prosecution of War Food Administration programs</i>			
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Clerical, administrative, and fiscal service:			
Grade 7. Range \$2,980 to \$3,640.....			0.5 \$1,300
Grade 4. Range \$2,100 to \$2,496.....			2.1 3,780
Grade 3. Range \$1,902 to \$2,298.....		3 \$6,300	0.3 518
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Extension agriculturist, 4-H Club work.....			0.7 3,437
Extension agriculturist, home demonstration work.....			0.7 3,003
Extension specialist, clothing.....		1 5,180	1 4,600
Extension specialist, food preservation.....		1 5,180	1 4,612
Extension specialist, garden.....		0.8 3,898	
Extension agronomist, cotton production.....		0.7 3,450	

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Emergency extension work necessary to the successful prosecution of War Food Administration programs—Continued</i>			
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>			
Professional service—Continued	Man- Total years salary	Man- Total years salary	Man- Total years salary
Grade 5. Range \$5,180 to \$6,020—Con.			
Extension economist, farm management.....		1.5 \$7,770	
Extension rural sociologist.....		0.8 3,898	
Grade 4. Range \$4,300 to \$5,180:			
Extension home economist.....		2 8,600	1.2 \$4,560
Extension specialist, garden.....			
Grade 3. Range \$3,640 to \$4,300:			
Extension specialist in rural industries.....		1 3,970	1 3,475
Crafts, protective, and custodial service:			
Grade 2. Range \$1,440 to \$1,770.....		0.5 700	0.5 615
Total permanent, departmental.....		12.3 48,946	9 29,900
W. A. E. employment, departmental.....		0.2 962	0.2 1,004
Overtime pay, departmental.....		592	5,034
All personal services, departmental.....		12.5 50,500	9.2 35,938
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 4. Range \$2,100 to \$2,496.....			0.2 320
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Assistant director of extension work.....			1 6,687
Total permanent, field.....			1.2 7,007
Overtime pay, field.....			672
All personal services, field.....			1.2 7,679
01 Personal services (net).....		12.5 50,500	10.4 43,617
<b>OTHER OBLIGATIONS</b>			
02 Travel.....		9,900	18,135
03 Transportation of things.....		500	418
04 Communication services.....		100	67
07 Other contractual services.....		2,000	966
08 Supplies and materials.....		500	512
11 Grants, subsidies, and contributions.....		66,500	3,876,077
Total other obligations.....		79,500	3,896,175
Grand total obligations.....		130,000	3,939,792
Allotted from "Salaries and expenses, War Food Administration, Department of Agriculture".....		-130,000	-3,939,792
Total estimate or appropriation.....			

**Exportation and Domestic Consumption of Agricultural Commodities, Department of Agriculture (Extension Service)—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Special assistance in connection with the requirements of the Production and Marketing Administration</i>			
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Clerical, administrative, and fiscal service:			
Grade 4. Range \$2,100 to \$2,496.....	1 \$2,100	1 \$2,100	1 \$1,800
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Senior extension agricultural economist.....	1 5,390	1 5,390	1 4,700
Total permanent, departmental.....	2 7,490	2 7,490	2 6,500
Overtime pay, departmental.....		130	1,018
01 Personal services (net).....	2 7,490	2 7,620	2 7,518
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	1,300	1,300	369
Grand total obligations.....	8,790	8,920	7,887
Allotted from "Exportation and domestic consumption of agricultural commodities, Department of Agriculture".....	-8,790	-8,920	-7,900
Estimated savings, unobligated balance.....			13
Total estimate or appropriation.....			



## EXTENSION SERVICE—Continued

## Farm and Other Private Forestry Cooperation, Department of Agriculture (Extension Service)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496	0.5	\$1,243	0.5	\$1,243	0.5	\$1,080
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Extension forester	2	11,620	2	11,564	2	10,100
Total permanent, departmental	2.5	12,868	2.5	12,812	2.5	11,180
Overtime pay, departmental				204		1,491
All personal services, departmental	2.5	12,868	2.5	13,016	2.5	12,671
<b>PERSONAL SERVICES, FIELD</b>						
Unclassified:						
Agent	58	93,026	54	85,935	49	70,057
01 Personal services (net)	60.5	105,894	56.5	98,951	51.5	82,728
<b>OTHER OBLIGATIONS</b>						
02 Travel		2,279		2,279		1,835
Grand total obligations		108,173		101,230		84,563
Allotted from "Farm and other private forestry cooperation, Department of Agriculture"		-108,173		-101,230		-108,380
Estimated savings, unobligated balance						23,817
Total estimate or appropriation						
<b>By PROJECTS OR FUNCTIONS</b>						
1. Cooperation with States for extension activities in developing farm forestry under—						
(a) Norris-Doxey Act		\$42,407		\$37,407		\$27,302
(b) Clarke-McNary Act, sec. 5		65,766		63,619		55,770
2. Overtime pay				204		1,491
Grand total obligations		108,173		101,230		84,563
Adjustments (see objects schedule for detail)		-108,173		-101,230		-84,563
Total estimate or appropriation						

## Working Funds, Agriculture, Extension Service—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640					0.6	\$1,531
Grade 4. Range \$2,100 to \$2,496			1.8	\$3,850	0.6	1,095
Grade 3. Range \$1,902 to \$2,298					0.1	207
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Extension educationist			0.3	1,750		
Grade 5. Range \$5,180 to \$6,020:						
Extension educationist			0.3	1,680		
Total permanent, departmental			2.4	7,280	1.3	2,833
W. A. E. employment, departmental					0.1	60
Overtime pay, departmental						623
All personal services, departmental			2.4	7,280	1.4	3,516
<b>PERSONAL SERVICES, FIELD</b>						
Unclassified:						
Agent			2	4,529	4.2	9,129
01 Personal services (net)			4.4	11,809	5.6	12,645
<b>OTHER OBLIGATIONS</b>						
02 Travel				2,782		479
07 Other contractual services				15,520		
08 Supplies and materials				200		
Total other obligations				18,502		479
Grand total obligations				30,311		13,124
Advanced from—						
Department of the Interior				-4,529		-9,500
Treasury Department				-25,000		
The Institute of Inter-American Affairs				-3,500		-5,277
1945 balance available in 1946				-1,282		+1,282
Estimated savings, unobligated balance				4,000		371
Total estimate or appropriation						

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
1. Special assistance on reclamation projects (Department of the Interior)		\$4,529	\$9,129
2. Extension training program for Chinese agricultural technicians (Treasury Department)		21,000	
3. Assistance in placing and training Latin-American trainees in extension work and farm practices (The Institute of Inter-American Affairs)		4,782	3,372
4. Overtime pay			623
Grand total obligations		30,311	13,124
Adjustments (see objects schedule for detail)		-30,311	-13,124
Total estimate or appropriation			

Total, Extension Service, annual appropriations, general account:

Estimate 1947, \$23,475,850

Appropriated 1946, \$19,396,850

Permanent specific appropriation:

## Cooperative Agricultural Extension Work—

For the purpose of paying the expenses of cooperative agricultural extension work and the necessary printing and distributing of information in connection with same, the Act of May 8, 1914 (7 U. S. C. 341-348), permanently appropriated \$480,000 for each year, \$10,000 of which is paid annually to each State which has by action of its legislature assented to the provisions of the Act. It also appropriated an additional sum of \$600,000 for the fiscal year following that in which the foregoing appropriation first became available, and for each year thereafter for seven a sum exceeding by \$500,000 the sum appropriated for each preceding year, and for each year thereafter there is permanently appropriated the sum of \$4,100,000 in addition to the sum of \$480,000. The additional sums are allotted annually to each State by the Secretary and paid in the proportion which the rural population of each State bears to the rural population of all the States as determined by the next preceding Federal census, but no payment out of the additional appropriations can be made in any year to any State until an equal sum has been appropriated for that year by the legislature of such State, or provided by State, county, college, local authority, or individual contributions from within the State, for the maintenance of cooperative agricultural extension work. On May 16, 1928 (7 U. S. C. 386-386b), this appropriation was amended to include a permanent allotment to the Territory of Hawaii of \$10,000 plus an additional sum of \$12,935.43, subject to the same terms and conditions as the original Act. The permanent annual appropriation was thereby increased to \$4,602,935.43. Under the 1930 census the amount of money available to Hawaii increased by \$3,160, thereby automatically raising the total amount available under the original Smith-Lever Act by this amount. Under the 1940 census the amount of money available to Hawaii decreased by \$4,701, thereby automatically decreasing the total amount available under the original Smith-Lever Act by this amount. The Act of March 4, 1931 (7 U. S. C. 386d-386f), provides that the Smith-Lever Act and Acts supplementary thereto be increased without diminishing the amount now received by any State or other Territory, to carry out the provisions of this Act in the Territory of Puerto Rico, and specifies that the appropriation for 1933 and subsequent years shall be \$50,000, this amount to be increased by \$10,000 annually, or such part thereof as may be necessary, until the total to which Puerto Rico is entitled under the provisions of this Act is reached. The maximum for Puerto Rico under the 1930 census (\$95,069) was reached during the fiscal year 1938. Under the 1940 census the amount of money available to Puerto Rico increased by \$8,246, thereby automatically increasing the total amount available under the original Smith-Lever Act by this amount. The changes occasioned by the 1940 census result in bringing the total permanent annual appropriation to \$4,704,710. (7 U. S. C. 341-348.)

Estimate 1947, \$4,704,710

Appropriated 1946, \$4,704,710

11 Grants, subsidies, and contributions: Obligations—1947, \$4,704,710; 1946, \$4,704,710; 1945, \$4,704,710.

Total, Extension Service, general account:

Estimate 1947, \$28,180,560

Appropriated 1946, \$24,101,560



## AGRICULTURAL RESEARCH ADMINISTRATION

## OFFICE OF ADMINISTRATOR

## Salaries and Expenses, Office of Administrator, Agricultural Research Administration—

Salaries and expenses: For necessary salaries and expenses of the Office of Administrator, including the salary of the Administrator at **[\$9,200] \$10,000** per annum, and personal services in the District of Columbia and elsewhere, and for necessary expenses in connection with the maintenance, operation, and furnishing of facilities and services at the Agricultural Research Center, **[\$285,200] including not to exceed \$15,000 for the construction of a building to house water treatment facilities at the Center, \$460,500: Provided,** That the appropriation current at the time services are rendered may be reimbursed (by advance credits or reimbursements based on estimated or actual charges) from applicable appropriations, to cover the charges, including handling and other related services, for equipment rentals (including depreciation, maintenance, and repairs); for services, supplies, equipment and materials furnished, stores of which may be maintained at the Center, and for building construction, alteration, and repair performed by the Center in carrying out the purposes of such applicable appropriations and the applicable appropriations may also be charged their proportionate share of the necessary general expenses of the Center not covered by this appropriation: *Provided further,* That the several appropriations of the Agricultural Research Administration shall be available for the construction, alteration, and repair of buildings and improvements: *Provided, however,* That unless otherwise provided, the cost of constructing any one building (excepting headhouses connecting greenhouses) shall not exceed \$5,000, the total amount for construction of buildings costing more than \$2,500 each shall be within the limits of the estimates submitted and approved therefor, and the cost of altering any one building during the fiscal year shall not exceed \$2,500 or 2 per centum of the cost of the building as certified by the Research Administrator, whichever is greater. (5 U. S. C. 511-512, 565a, 673; Act of May 5, 1945, Public Law 52.)

Annual appropriation, general account:

Estimate 1947, \$460,500

Appropriated 1946, \$285,200

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:	Man-	Total	Man-	Total	Man-	Total
Grade 9. In excess of \$9,800:	years	salary	years	salary	years	salary
Research administrator.....	1	\$10,000	1	\$10,000	1.4	\$11,545
Grade 8. Range \$8,750 to \$9,800:						
Assistant research administrator.....	1	8,750	1	8,750	0.8	6,334
Grade 7. Range \$7,175 to \$8,225:						
Publications and information coordinator.....	1	7,438	1.2	8,726	1	6,625
Research coordinator.....	3	22,575	3	22,575	3	20,125
Special assistant in home economics.....	1	8,225	1	8,225	1	7,500
Grade 6. Range \$6,230 to \$7,070:						
Chemical engineer.....	1	6,440	1	6,440	1	5,600
Technologist.....	1	6,440	1	6,440	0.8	4,573
Grade 4. Range \$4,300 to \$5,180:						
Publications specialist.....	1	4,300	1	4,300	0.3	1,109
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Assistant to research administrator.....	1	6,440	1	6,440	1	5,700
Budget officer.....	1	6,440	1	6,318	0.9	5,164
Grade 12. Range \$5,180 to \$6,020:						
Budget officer.....					0.1	373
Grade 9. Range \$3,640 to \$4,300:						
Administrative officer.....	1	3,640	1	3,640		
Grade 7. Range \$2,980 to \$3,640:						
Grade 7. Range \$2,980 to \$3,640.....	2	6,180	2	6,033	2.3	6,775
Grade 5. Range \$2,320 to \$2,980.....	5	12,480	4.7	11,844	3.7	8,026
Grade 4. Range \$2,100 to \$2,496.....	6	13,128	6.3	13,501	6.4	11,894
Grade 2. Range \$1,704 to \$2,100.....	1	1,704	1	1,704	0.3	494
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770.....	0.5	720	0.5	694	0.6	713
Total permanent, departmental.....	27.5	124,900	27.7	125,630	24.6	102,550
Temporary employment, departmental.....	1	2,100		870		
Overtime pay, departmental.....				1,500		13,037
All personal services, departmental.....	28.5	127,000	28.1	128,000	24.6	115,587
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Superintendent, office of operations.....	1	6,450	1	6,395	1	5,600
Grade 5. Range \$5,180 to \$6,020:						
Farm superintendent.....	1	5,390	1	5,334	1	4,600
Horticulturist.....			0.6	4,133	1	5,400
Mechanical engineer.....	2	10,780	2	10,570	1.8	8,433
Grade 4. Range \$4,300 to \$5,180:						
Mechanical engineer in charge of operations.....					0.2	667

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-	Total	Man-	Total	Man-	Total
	years	salary	years	salary	years	salary
<b>PERSONAL SERVICES, FIELD—continued</b>						
Professional service—Continued						
Grade 3. Range \$3,640 to \$4,300:						
Assistant to farm superintendent.....	1	\$3,750	1	\$3,703	0.6	\$1,911
Civil engineer.....	1	4,080	1	4,053	1	3,475
Construction engineer.....	1	3,640				
Grade 1. Range \$2,320 to \$2,980.....	1	2,540	1	2,540	1	2,100
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Business manager, office of operations.....	1	5,600	1	5,495	1	4,800
Grade 9. Range \$3,640 to \$4,300:						
Fiscal accountant.....	1	3,750	1	3,750	1	3,200
Personnel officer.....	1	3,860	1	3,860	1	3,300
Purchasing and supply officer.....	1	3,860	1	3,860	1	3,300
Grade 7. Range \$2,980 to \$3,640.....	9	28,580	8.8	27,854	7.3	19,430
Grade 5. Range \$2,320 to \$2,980.....	7	17,340	7	17,184	6.6	13,379
Grade 4. Range \$2,100 to \$2,496.....	12	25,926	10.8	23,166	6.9	13,072
Grade 3. Range \$1,902 to \$2,298.....	16	31,192	14.6	28,414	15.7	25,530
Grade 2. Range \$1,704 to \$2,100.....	8	14,016	5	8,871	5	7,172
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640.....	1	3,640	1	3,640	1	3,200
Grade 7. Range \$2,650 to \$3,310.....	4	12,140	4	11,944	2.2	5,588
Grade 6. Range \$2,320 to \$2,980.....	3	8,280	2	5,960	2.3	5,841
Grade 5. Range \$2,100 to \$2,496.....	2	4,464	2	4,448	2.7	5,331
Grade 4. Range \$1,902 to \$2,298.....					0.3	405
Grade 2. Range \$1,572 to \$1,968.....					0.4	585
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640.....	6.1	19,388	5	15,973	3.7	10,344
Grade 10. Range \$2,540 to \$3,200.....	12	33,340	12	33,205	12.3	28,599
Grade 7. Range \$2,364 to \$2,870.....	38.2	94,112	33	81,579	28.7	59,547
Grade 6. Range \$2,166 to \$2,562.....	25	56,790	25	56,720	25.9	50,164
Grade 5. Range \$1,968 to \$2,364.....	16	33,138	15.8	32,655	18	30,730
Grade 4. Range \$1,770 to \$2,166.....	52.4	97,711	46.3	86,423	46.1	71,703
Grade 3. Range \$1,572 to \$1,902.....	56.8	93,510	41.6	69,240	42	56,608
Grade 2. Range \$1,440 to \$1,770.....	27	41,850	27	41,488	18.8	23,266
Total permanent, field.....	307.5	669,117	272.5	602,457	257.5	477,280
Temporary employment, field.....	62.1	94,148	59.6	90,815	66.2	84,599
W. A. E. employment, field.....	58.5	96,594	58.2	96,194	50.4	80,544
Overtime pay, field.....				21,846		136,827
Night-work differential, field.....		8,337		8,477		
All personal services, field.....	428.1	868,196	390.3	819,789	374.1	779,250
Total, departmental and field.....	456.6	995,196	418.4	947,789	398.7	894,837
Deduct quarters and subsistence furnished.....		5,375		5,418		5,108
01 Personal services (net).....	456.6	989,821	418.4	942,371	398.7	889,729
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		4,700		4,700		3,744
03 Transportation of things.....		7,705		5,355		5,322
04 Communication services.....		28,870		28,870		28,809
05 Rents and utility services.....		111,545		111,545		109,723
07 Other contractual services.....		33,000		35,400		66,949
08 Supplies and materials.....		565,315		494,536		512,851
09 Equipment.....		24,525		24,568		17,651
Total other obligations.....		775,660		704,974		745,049
Grand total obligations.....		1,765,481		1,647,345		1,634,778
Reimbursements for services performed.....		-1,304,981		-1,222,145		-1,325,431
Received by transfer from—						
“Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration,” plant industry experiment farm.....						-56,976
“Beltsville Research Center, Agricultural Research Administration”.....						-130,760
Net total obligations.....		460,500		325,200		121,611
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+34
Excess of obligations over appropriation due to Public Law 106.....				-40,000		15,011
Estimated savings, unobligated balance.....						
Total estimate or appropriation.....		460,500		285,200		136,656
<b>By Projects or Functions</b>						
1. Administration and direction of the Agricultural Research Administration.....		\$135,100		\$134,600		\$109,220
2. Supervision of maintenance, operation, and furnishing of facilities and services at the Agricultural Research Center.....		325,400		185,652		163,025
3. Services performed for other agencies.....		1,304,981		1,303,747		1,212,669
4. Overtime pay.....				23,346		149,864
Grand total obligations.....		1,765,481		1,647,345		1,634,778
Adjustments (see objects schedule for detail).....		-1,304,981		-1,362,145		-1,498,122
Total estimate or appropriation.....		460,500		285,200		136,656



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## OFFICE OF ADMINISTRATOR—Continued

## Special Research Fund, Department of Agriculture (Office of Administrator, Agricultural Research Administration)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Laboratory for research into the relation of soils to plant, animal, and human nutrition</i>						
PERSONAL SERVICES, FIELD						
Professional service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 5. Range \$5,180 to \$6,020:						
Chemist.....	2	\$10,570	2	\$10,500	1.3	\$5,942
Plant physiologist.....	1	5,600	1	5,600	1	4,850
Grade 4. Range \$4,300 to \$5,180:						
Animal physiologist and geneticist....	1	4,520	1	4,392	1	3,779
Chemist.....					0.7	2,692
Plant physiologist.....					0.1	435
Soil scientist.....	1	4,300	1	4,300		
Grade 3. Range \$3,640 to \$4,300:						
Plant physiologist.....	1	3,750	1	3,750	1	3,200
Grade 2. Range \$2,980 to \$3,640.....	2	6,180	2	6,042	0.8	2,160
Grade 1. Range \$2,320 to \$2,980.....	1.8	4,286	1.8	4,286	1.4	2,875
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640.....	1	3,200	1	3,145	1	2,650
Grade 3. Range \$1,902 to \$2,298.....	1	1,968	1	1,968	1	1,620
Grade 2. Range \$1,704 to \$2,100.....	3	5,310	3	5,288	3	4,216
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496.....	1	2,166	1	2,166	1.8	3,298
Grade 4. Range \$1,902 to \$2,298.....	2	3,936	2	3,936	2	3,186
Grade 3. Range \$1,704 to \$2,100.....					0.7	943
Grade 2. Range \$1,572 to \$1,968.....	1	1,638	1	1,599	0.5	605
Grade 1. Range \$1,440 to \$1,836.....	1	1,572	1	1,539	1.5	1,868
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902.....	1	1,638	1	1,638	1	1,320
Grade 2. Range \$1,440 to \$1,770.....	1	1,506	1	1,506	1	1,200
Unclassified:						
Agent (director of laboratory).....	0.3	3,500	0.3	3,500	0.4	3,500
Total permanent, field.....	22.1	65,640	22.1	65,155	21.2	50,339
Temporary employment, field.....	1.8	3,181	1.8	3,181	2	3,030
W. A. E. employment, field.....	2.4	4,572	2.4	4,619	2.8	5,312
W. O. C. employment, field.....	0.2	0	0.2	0	0.1	0
Overtime pay, field.....				1,785		10,363
01 Personal services (net).....	26.5	73,393	26.5	74,740	26.1	69,044
OTHER OBLIGATIONS						
02 Travel.....		2,600		2,600		1,092
03 Transportation of things.....		250		250		515
04 Communication services.....		675		675		634
05 Rents and utility services.....		6,200		6,200		5,037
07 Other contractual services.....		3,100		3,100		3,087
08 Supplies and materials.....		11,100		11,100		17,052
09 Equipment.....		8,875		8,875		8,166
Total other obligations.....		32,800		32,800		35,583
Grand total obligations.....		106,193		107,540		104,627
Allotted from "Special research fund, Department of Agriculture".....		-106,193		-107,540		-105,590
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+16
Estimated savings, unobligated balance.....						947
Total estimate or appropriation.....						

## Emergency Fund for the President, National Defense (Allotment to Agriculture) (Office of Administrator, Agricultural Research Administration)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Expenses of Office of Administrator in connection with emergency plant disease and insect-pest prevention</i>			
Prior year balance available in 1945.....			-\$1,974
1945 balance available in 1946.....		-\$1,974	+1,974

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## OFFICE OF ADMINISTRATOR, AGRICULTURAL RESEARCH ADMINISTRATION

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased				Old vehicles to be exchanged	Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)					
Office of Administrator, Agricultural Research Administration.	1	\$1,050	1	\$300		\$750	9	\$2,250	For use by employees largely within the confines of the Agricultural Research Center in connection with operations in an area embracing 11,700 acres.

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Expenses of Office of Administrator in connection with emergency plant disease and insect-pest prevention—Continued</i>			
Estimated savings, unobligated balance.....		\$1,974	
Total estimate or appropriation.....			

## Working Funds, Agriculture, Office of Administrator, Agricultural Research Administration—

By objects	Obligations			
	Estimate, 1947	Estimate, 1946	Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL				
Professional service:	Man-years	Total salary	Man-years	Total salary
Grade 6. Range \$6,230 to \$7,070:				
Technologist.....			0.2	\$1,027
Clerical, administrative, and fiscal service:				
Grade 4. Range \$2,100 to \$2,496.....			0.1	140
Total permanent, departmental.....			0.3	1,167
Overtime pay, departmental.....				145
All personal services, departmental.....			0.3	1,312
PERSONAL SERVICES, FIELD				
Crafts, protective, and custodial service:				
Grade 6. Range \$2,166 to \$2,562.....		0.5	\$1,033	
Grade 5. Range \$1,968 to \$2,364.....		0.5	984	
Grade 4. Range \$1,770 to \$2,166.....		1.1	2,014	2.5 3,755
Total permanent, field.....		2.1	4,031	2.5 3,755
Overtime pay, field.....			789	827
Night-work differential, field.....			72	
All personal services, field.....		2.1	4,892	2.5 4,582
01 Personal services (net).....		2.1	4,892	2.8 5,894
OTHER OBLIGATIONS				
02 Travel.....				43
04 Communication services.....				6
07 Other contractual services.....				4
08 Supplies and materials.....			12,500	
Total other obligations.....			12,500	53
Grand total obligations.....			17,392	5,947
Advanced from—				
Public Buildings Administration.....			-1,392	-4,582
War Department.....			-16,000	
Prior year balance available in 1945.....				-5,959
Estimated savings, unobligated balance.....				4,594
Total estimate or appropriation.....				
BY PROJECTS OR FUNCTIONS				
1. Directing and coordinating investigations in food compression, packaging of dehydrated compressed food products, and related studies (War Production Board).....				\$1,220
2. Emergency guards at the central guard office, Agricultural Research Center (Public Buildings Administration).....			\$1,201	3,755
3. Liming, fertilizing, seeding, and mulching required to restore approximately 500 acres at the Agricultural Research Center used by War Department as an airport (War Department).....			15,402	
4. Overtime pay.....			789	972
Grand total obligations.....			17,392	5,947
Adjustments (see objects schedule for detail).....			-17,392	-5,947
Total estimate or appropriation.....				



## SPECIAL RESEARCH FUND, DEPARTMENT OF AGRICULTURE

## Special Research Fund, Department of Agriculture—

For enabling the Secretary to carry into effect the provisions of an Act entitled "An Act to provide for research into basic laws and principles relating to agriculture and to provide for the further development of cooperative agricultural extension work and the more complete endowment and support of land-grant colleges", approved June 29, 1935 (7 U. S. C. 427, 427b, 427c, 427f); for administration of the provisions of section 5 of the said Act, and for special research work, including the planning, programming, coordination, and printing the results of such research, to be conducted by such agencies of the Department as the Secretary may designate or establish, and to which he may make allotments from this fund, including the employment of persons and means in the District of Columbia and elsewhere; **[\$1,088,000] \$1,193,000**, of which amount **[\$662,894] \$723,126** shall be available for the maintenance and operation of research laboratories and facilities in the major agricultural regions provided for by section 4 of said Act. (*Act of May 5, 1945, Public Law 52.*)

Annual appropriation, general account:

Estimate 1947, **\$1,193,000**      Appropriated 1946, **\$1,088,000**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Allotted to—			
Agricultural Research Administration:			
Office of Administrator.....	\$106,193	\$107,540	\$105,590
Office of Experiment Stations.....	23,693	23,991	22,941
Bureau of Animal Industry.....	335,508	337,951	344,594
Bureau of Dairy Industry.....	60,185	60,512	60,761
Bureau of Plant Industry, Soils, and Agricultural Engineering.....	442,067	449,423	459,116
Bureau of Entomology and Plant Quarantine.....	21,323	21,923	23,400
Bureau of Agricultural and Indus- trial Chemistry.....	76,641	77,528	82,272
Bureau of Human Nutrition and Home Economics.....	50,056	50,545	48,055
Bureau of Agricultural Economics.....	59,955	60,818	61,700
Production and Marketing Adminis- tration.....	17,379	17,769	15,685
Total allotments.....	1,193,000	1,208,000	1,224,114
Excess of obligations over appropriation due to Public Law 106.....		-120,000	
Unallotted balance.....			2,250
Total estimate or appropriation.....	1,193,000	1,088,000	1,226,364

Consolidated schedule of obligations under "Special research fund." Detailed obligations shown under each of the various bureaus to which allotments are made as shown on the preceding schedule

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Personal services, departmental (basic salaries).....	Man- years 25.1 Total salary \$104,305	Man- years 25.2 Total salary \$103,729	Man- years 27.1 Total salary \$90,412
Personal services, field (basic salaries).....	347.5 834,194	346.5 826,192	336.1 691,858
Overtime pay, departmental and field.....		17,651	126,063
Night-work differential, departmental and field.....	340	340	
Total, departmental and field.....	372.6 938,839	371.7 947,912	363.2 903,333
Deduct quarters and subsistence furnished.....	2,380	2,380	2,419
01 Personal services (net).....	372.6 936,459	371.7 945,532	363.2 905,914
OTHER OBLIGATIONS			
02 Travel.....	25,600	26,150	18,771
03 Transportation of things.....	4,890	5,040	8,168
04 Communication services.....	2,775	2,775	2,540
05 Rents and utility services.....	22,782	22,780	22,839
06 Printing and binding.....	3,900	6,100	2,200
07 Other contractual services.....	33,990	35,090	39,470
08 Supplies and materials.....	133,509	133,129	162,924
09 Equipment.....	29,095	31,404	42,038
Total other obligations.....	256,541	262,468	298,950
Grand total obligations.....	1,193,000	1,208,000	1,204,864
Reimbursements for services performed.....			-5,238
Net total obligations.....	1,193,000	1,208,000	1,199,626
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+77
Excess of obligations over appropriation due to Public Law 106.....		-120,000	
Estimated savings, unobligated balance.....			26,661
Total estimate or appropriation.....	1,193,000	1,088,000	1,226,364
BY PROJECTS OR FUNCTIONS			
1. Special research laboratories in major agricultural regions.....	\$723,126	\$721,682	\$654,932
2. Special research projects.....	446,181	444,704	398,558
3. Administration of payments to States, under title I, Bankhead-Jones Act.....	23,693	23,693	20,073
4. Services performed for other agencies.....			5,238
5. Overtime pay.....		17,921	126,063
Grand total obligations.....	1,193,000	1,208,000	1,204,864
Adjustments (see objects schedule for detail).....		-120,000	+21,500
Total estimate or appropriation.....	1,193,000	1,088,000	1,226,364

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## SPECIAL RESEARCH FUND, DEPARTMENT OF AGRICULTURE

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Special research fund, Department of Agriculture.	3	\$3,150	3	\$900	\$2,250	8	\$2,200	For use by directors and technical assistants in planning and carrying forward the work of the research laboratories and research projects of the Department under title I of the act approved June 29, 1935.

## OFFICE OF EXPERIMENT STATIONS

## PAYMENTS TO STATES, HAWAII, ALASKA, AND PUERTO RICO

## Payments to States, Hawaii, Alaska, and Puerto Rico, Agricultural Experiment Stations, Agricultural Research Administration—

For payments to the States, Hawaii, Alaska, and Puerto Rico to be paid quarterly in advance, to carry into effect the provisions of the following Acts relating to agricultural experiment stations:

Hatch, Adams, Purnell, Bankhead-Jones, and related Acts: Hatch Act, the Act approved March 2, 1887 (7 U. S. C. 362, 363, 365, 368, 377-379), \$720,000; Adams Act, the Act approved March 16, 1906 (7 U. S. C. 369), \$720,000; Purnell Act, the Act approved February 24, 1925 (7 U. S. C. 361, 366, 370, 371, 373-376, 380, 382), \$2,880,000; Bankhead-Jones Act, title I of the Act approved June 29,

1935 (7 U. S. C. 427-427g), **[\$2,663,708] \$3,000,000**; Hawaii, the Act approved May 16, 1928 (7 U. S. C. 386-386b), extending the benefits of certain Acts of Congress to the Territory of Hawaii, \$90,000; Alaska, the Act approved February 23, 1929 (7 U. S. C. 386c), extending the benefits of the Hatch Act to the Territory of Alaska, \$15,000, and the provisions of section 2 of the Act approved June 20, 1936 (7 U. S. C. 369a), extending the benefits of the Adams and Purnell Acts to the Territory of Alaska, **[\$27,500] \$37,500**; in all, for Alaska, **[\$42,500] \$52,500**; Puerto Rico, the Act approved March 4, 1931, as amended (7 U. S. C. 386d-386f), extending the benefits of certain Acts of Congress to Puerto Rico, \$90,000; in all, payments to States, Hawaii, Alaska, and Puerto Rico, **[\$7,206,208] \$7,552,500**. (7 U. S. C. 427d; *Act of May 5, 1945, Public Law 52.*)

Estimate 1947, **\$7,552,500**Appropriated 1946, **\$7,206,208**



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## OFFICE OF EXPERIMENT STATIONS—Continued

## PAYMENTS TO STATES, HAWAII, ALASKA, AND PUERTO RICO—continued

## Payments to States, Hawaii, Alaska, and Puerto Rico, Agricultural Experiment Stations, Agricultural Research Administration—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
11 Grants, subsidies, and contributions:			
Hatch Act, approved Mar. 2, 1887.....	\$720,000	\$720,000	\$720,000
Adams Act, approved Mar. 16, 1906.....	720,000	720,000	720,000
Purnell Act, approved Feb. 24, 1925.....	2,880,000	2,880,000	2,880,000
Title I, Bankhead-Jones Act, approved June 29, 1935.....	3,000,000	2,663,708	2,463,708
Hawaii Act, approved May 16, 1928.....	90,000	90,000	90,000
Alaska Act, approved Feb. 23, 1929.....	15,000	15,000	15,000
Alaska Act, approved June 20, 1936.....	37,500	27,500	22,500
Puerto Rico Act, approved Mar. 4, 1931.....	90,000	90,000	90,000
Total estimate or appropriation.....	7,552,500	7,206,208	7,001,208

## SALARIES AND EXPENSES

## Salaries and Expenses, Experiment Stations, Agricultural Research Administration—

Administration of grants and coordination of research with States: For salaries and expenses, including *not to exceed* \$162,350 for personal services in the District of Columbia, necessary to enable the Secretary to enforce the provisions of the Acts approved March 2, 1887, March 16, 1906, February 24, 1925, May 16, 1928, February 23, 1929, March 4, 1931, and June 20, 1936, and Acts amendatory thereto (7 U. S. C. 361-363, 365-383, 386-386f), relative to their administration and for the administration of an agricultural experiment station in Puerto Rico, [\$153,600, of which not to exceed \$143,700 may be expended for personal services in the District of Columbia] \$173,000; and the Secretary shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, coordinate the research work of the State agricultural colleges and experiment stations in the lines authorized in said Acts with research of the Department in similar lines, and make report thereon to Congress. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$173,000

Appropriated 1946, \$153,600

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 8. Range \$8,750 to \$9,800:						
Chief of office.....	1	\$9,800	1	\$9,800	1	\$9,000
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief.....	1	7,963	1	7,892	1	7,000
Grade 6. Range \$6,220 to \$7,070:						
Experiment station administrator.....	5	32,620	5	32,563	4.5	26,896
Grade 5. Range \$5,180 to \$6,020:						
Experiment station administrator.....	5	27,370	5	27,370	5.3	26,513
Editor.....	1	6,020	1	6,020	1	5,400
Grade 4. Range \$4,300 to \$5,180:						
Experiment station administrator.....	2	8,600	1.6	7,122	0.6	2,216
Grade 3. Range \$3,640 to \$4,300:						
Chemist, abstractor.....	1	4,080	1	4,020	1	3,450
Home economist, abstractor.....					0.1	587
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Assistant to the chief.....	1	5,390	1	5,390	0.7	3,450
Grade 7. Range \$2,980 to \$3,640:	2	6,840	2	6,807	1.6	4,992
Grade 6. Range \$2,650 to \$3,310.....	1	2,980	1	2,920	1.1	2,733
Grade 5. Range \$2,320 to \$2,980.....	8	21,860	8	21,373	5.4	12,543
Grade 4. Range \$2,100 to \$2,496.....	11.4	25,221	11.7	26,030	11	22,930
Grade 3. Range \$1,902 to \$2,298.....	1	1,968	1.1	2,021	2.2	3,684
Grade 2. Range \$1,704 to \$2,100.....					0.3	416
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902.....	1	1,638	1	1,572	0.3	664
Grade 2. Range \$1,440 to \$1,770.....					0.3	439
Total permanent, departmental.....	41.4	162,350	41.4	160,900	37.4	132,913
Temporary employment, departmental.....					0.5	843
Overtime pay, departmental.....				2,600		20,307
01 Personal services (net).....	41.4	162,350	41.4	163,500	37.9	154,063

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS			
02 Travel.....	\$7,775	\$7,775	\$8,278
03 Transportation of things.....	300	300	252
04 Communication services.....	1,000	1,000	1,030
07 Other contractual services.....	700	700	873
08 Supplies and materials.....	375	375	439
09 Equipment.....	500	950	18
Total other obligations.....	10,650	11,100	10,890
Grand total obligations.....	173,000	174,600	164,953
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+10
Excess of obligations over appropriation due to Public Law 106.....		-21,000	
Estimated savings, unobligated balance.....			11,206
Total estimate or appropriation.....	173,000	153,600	176,169

Federal Experiment Station, Puerto Rico: To enable the Secretary to establish and maintain an agricultural experiment station in Puerto Rico, including the preparation, illustration, and distribution of reports and bulletins, [\$99,375; and the Secretary is authorized to sell such products as are obtained on the land belonging to the agricultural experiment station in Puerto Rico and the amount obtained from the sale thereof shall be covered into the Treasury of the United States as miscellaneous receipts] \$170,200, of which not to exceed \$56,000 may be expended for construction of seven buildings. (5 U. S. C. 565a; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$170,200

Appropriated 1946, \$99,375

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, FIELD	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Director of station.....	1	\$6,440	1	\$6,440	1	\$5,600
Grade 5. Range \$5,180 to \$6,020:						
Plant physiologist (assistant director).....	1	5,390	1	5,273	0.9	4,025
Grade 3. Range \$3,640 to \$4,300:						
Agricultural engineer.....			0.1	265	1	3,200
Chemist.....	2	7,500	1.9	7,080	1	3,300
Entomologist.....	1	4,080	1	4,080	1	3,575
Horticulturist.....	2	7,500	2	7,317	0.6	2,013
Plant breeder.....	1	3,640	1	3,640		
Plant geneticist.....			0.5	1,963	0.9	2,750
Plant physiologist.....	1	3,750	1	3,678	0.9	2,873
Grade 2. Range \$2,980 to \$3,640:					2.2	5,933
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640.....	1	3,640	1	3,640	1	3,100
Grade 4. Range \$2,100 to \$2,496.....	1	2,166	1	2,166	1	1,800
Grade 3. Range \$1,902 to \$2,298.....	1	1,968	1	1,910	0.1	203
Grade 2. Range \$1,704 to \$2,100.....	1	1,836	1	1,783	1.9	2,722
Subprofessional service:						
Grade 3. Range \$1,704 to \$2,100.....	1	1,770	1	1,735	0.6	900
Crafts, protective, and custodial service:						
Grade 6. Range \$2,166 to \$2,562.....	1	2,166	0.8	1,812		
Unclassified:						
Laborers.....	37	23,300	34.5	21,634	37	23,234
Total permanent, field.....	52	75,146	49.8	74,416	51.1	65,223
Temporary employment, field.....	9	6,718	4	1,695	9	3,747
Overtime pay, field.....				1,175		8,082
Additional pay for foreign service, field.....		12,962		13,215		10,520
All personal services, field.....	61	94,826	53.8	90,501	60.1	87,577
Deduct quarters and subsistence furnished.....		1,000		1,000		777
01 Personal services (net).....	61	93,826	53.8	89,501	60.1	86,800
OTHER OBLIGATIONS						
02 Travel.....		1,700		1,700		1,062
03 Transportation of things.....		600		600		723
04 Communication services.....		600		600		551
05 Rents and utility services.....		1,500		1,500		1,038
07 Other contractual services.....		1,200		1,200		1,044
08 Supplies and materials.....		12,374		10,874		12,109
09 Equipment.....		2,400		2,400		3,692
10 Lands and structures.....		56,000				
Total other obligations.....		76,374		18,874		20,224
Grand total obligations.....		170,200		108,375		107,024
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+20
Excess of obligations over appropriation due to Public Law 106.....				-9,000		
Estimated savings, unobligated balance.....						30
Total estimate or appropriation.....		170,200		99,375		107,074



## Special Research Fund, Department of Agriculture (Office of Experiment Stations)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>For administration of payments to States under title I of the Bankhead-Jones Act of June 29, 1935</i>						
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Clerical, administrative, and fiscal service:	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Grade 12. Range \$5,180 to \$6,020:						
Assistant to the chief.....					0.3	\$1,200
Grade 7. Range \$2,980 to \$3,640.....	1	\$3,530	1	\$3,496	1.1	3,208
Grade 4. Range \$2,100 to \$2,496.....	0.4	1,053	0.5	1,193	0.9	1,928
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Experiment station administrator.....	2	13,300	2	13,251	1	6,209
Grade 5. Range \$5,180 to \$6,020:						
Experiment station administrator.....	1	5,810	1	5,753	1.5	7,528
Total permanent, departmental.....	4.4	23,693	4.5	23,693	4.8	20,073
Overtime pay, departmental.....				298		2,861
Grand total obligations.....		23,693		23,991		22,934
Allotted from "Special research fund, Department of Agriculture".....		-23,693		-23,991		-22,941
Estimated savings, unobligated balance.....						7
Total estimate or appropriation.....						

## Working Fund, Agriculture, Office of Experiment Stations—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>For establishment of a permanent source of high-yielding strains of Cinchona seed in Puerto Rico and Hawaii (Defense Supplies Corporation)</i>						
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Grade 3. Range \$3,640 to \$4,300:						
Plant physiologist.....					0.1	\$550
Casual employment, field.....	2.5	\$1,650	8	\$4,841	1	538
Overtime pay, field.....						105
Additional pay for foreign service, field.....						121
01 Personal services (net).....	2.5	1,650	8	4,841	1.1	1,314
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		200		250		251
03 Transportation of things.....		50		50		148
04 Communication services.....						3
07 Other contractual services.....		50		100		132
08 Supplies and materials.....		50		200		355
Total other obligations.....		350		600		889
Grand total obligations.....		2,000		5,441		2,203
Prior year balance available in 1945.....						-9,644
1945 balance available in 1946.....				-7,441		+7,441
1946 balance available in 1947.....		-2,000		+2,000		
Total estimate or appropriation.....						

Total, Office of Experiment Stations, annual appropriations, general account:

Estimate 1947, \$7,895,700

Appropriated 1946, \$7,459,183

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## OFFICE OF EXPERIMENT STATIONS

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Office of Experiment Stations, Agricultural Research Administration (Federal Experiment Station, Puerto Rico).	1	\$1,050	1	\$300	\$750	2	\$625	Director and other employees of Federal experiment station in Puerto Rico in conducting outlying experiments, visiting cooperative experiments, and carrying on the various lines of research throughout the island.

## BUREAU OF ANIMAL INDUSTRY

## SALARIES AND EXPENSES

## Salaries and Expenses, Animal Industry, Agricultural Research Administration—

For the employment of persons and means in the District of Columbia and elsewhere, including not to exceed **[\$591,004]** \$698,246 for departmental personal services in the District of Columbia, for carrying out, independently or in cooperation with public or private agencies, including individuals, the provisions of the Act, as amended, establishing a Bureau of Animal Industry, and related Acts, and for investigations concerned with the livestock and meat industries, as follows: (5 U. S. C. 511-512—establishing the Department of Agriculture, 563-564; 7 U. S. C. 391—establishing the Bureau of Animal Industry; 21 U. S. C. 111-123, 130—general legislation relating to the prevention and spread of contagion. The foregoing citations apply to all appropriation items under the bureau; U. S. C. 565a; 7 U. S. C. 228a, 395, 429-431; 21 U. S. C. 71-105,

131, 151-158; 31 U. S. C. 725a; 45 U. S. C. 71-76; 46 U. S. C. 466a-466b; Act of May 5, 1945, Public Law 52.)

## General administrative expenses:

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, animal industry, Agricultural Research Administration":			
Animal husbandry.....			+\$29,000
Diseases of animals.....			+24,179
Eradicating tuberculosis and Bang's disease.....			+55,000
Inspection and quarantine.....			+36,100
Meat inspection.....			+43,100
Virus Serum Toxin Act.....			+8,000
Total estimate or appropriation.....			195,379



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## BUREAU OF ANIMAL INDUSTRY—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Animal Industry, Agricultural Research Administration—Continued

Animal husbandry: For investigations and experiments in animal husbandry and animal and poultry feeding and breeding, and for carrying out the purposes of section 101 (b) of the "Department of Agriculture Organic Act of 1944" (7 U. S. C. 429), authorizing cooperation with State authorities in the administration of regulations for the improvement of poultry, poultry products, and hatcheries, [S\$40,000] \$994,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$994,000

Appropriated 1946, \$840,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 8. Range \$3,750 to \$9,800:						
Special consultant to chief of bureau					0.2	\$1,747
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief of bureau and chief of animal husbandry division	1	\$7,438	1	\$7,438	1	6,562
Grade 5. Range \$5,180 to \$6,020:						
Assistant chief, animal husbandry division	1	5,810	1	5,754	1	5,000
Animal husbandman	1	6,020	1	6,020	1	5,200
Extension meat specialist	1	6,020	1	6,020	0.8	3,750
Grade 3. Range \$3,640 to \$4,300:						
Veterinarian	0.3	1,020	0.3	1,013	0.2	875
Grade 2. Range \$2,980 to \$3,640:						
Clerical, administrative, and fiscal service:	0.3	1,173	0.3	1,164	0.4	1,125
Grade 13. Range \$6,230 to \$7,070:						
Business manager	1	6,860	1	6,804	1	6,000
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	4,300	1	4,300	0.5	1,914
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant					0.8	2,562
Grade 7. Range \$2,980 to \$3,640:						
Grade 6. Range \$2,650 to \$3,310:	3	10,040	3	10,027	3.1	8,584
Grade 5. Range \$2,320 to \$2,980:	1	3,310	1	3,310	1	2,900
Grade 4. Range \$2,100 to \$2,496:	2	5,410	2	5,410	2	4,600
Grade 3. Range \$1,902 to \$2,298:	4	9,434	4	9,416	4.2	8,517
Grade 2. Range \$1,704 to \$2,100:	3	5,970	3	5,919	1.2	2,112
Grade 1. Range \$1,440 to \$1,770:	2	3,408	2	3,408	0.7	1,201
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770:	1	1,440	1	1,440	0.3	320
Total permanent, departmental	22.6	77,653	22.6	77,443	19.4	62,969
Overtime pay, departmental				1,154		10,524
All personal services, departmental	22.6	77,653	22.6	78,597	19.4	73,493
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Chemist	1	6,230	1	6,230	1	5,600
Poultry husbandman	1	6,230	1	6,230	0.8	4,698
Grade 5. Range \$5,180 to \$6,020:						
Assistant chief, animal husbandry division	1	5,390	1	5,390	1	4,750
Inspector in charge of field station	1	5,810	1	5,810	1	4,950
Animal husbandman	5	28,930	5	28,630	5	25,250
Biochemist	1	5,285	1	5,180	1	4,600
Poultry coordinator	1	5,600	1	5,600	1	5,000
Poultry geneticist	1	5,600	1	5,600	1	5,000
Physiologist	0.5	2,800	0.5	2,800	0.5	2,500
Grade 4. Range \$4,300 to \$5,180:						
Inspector in charge of field station	4	18,740	4	18,300	4.7	19,113
Animal husbandman	3	14,000	3	13,780	3	11,800
Biologist	1	4,300	1	4,300	0.7	2,533
Biophysicist	1	4,960	1	4,960	1	4,200
Geneticist	1	4,300	1	4,300	1	3,800
Nutritionist	1	4,300	1	4,300	0.5	1,955
Poultry coordinator	2	9,260	2	9,040	2	7,898
Poultry geneticist	1	4,740	1	4,740	1	4,200
Poultry husbandman	1	4,740	1	4,740	0.6	2,415
Grade 3. Range \$3,640 to \$4,300:						
Inspector in charge of field station	1	4,300	1	4,300	1.5	5,455
Animal husbandman	9	36,115	9	35,620	7.9	27,564
Biochemist	3	12,240	3	12,120	2.7	9,495
Biologist	1	3,640	1	3,640	0.3	1,100
Chemist	1	3,750	1	3,750	1	3,200
Poultry husbandman	1	4,300	1	4,300	1	3,800
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:	11	34,690	11	33,990	9.3	25,051
Clerical, administrative, and fiscal service:	10	25,840	10	25,400	8.7	19,236
Grade 7. Range \$2,980 to \$3,640:						
Grade 5. Range \$2,320 to \$2,980:	1	2,595	1	2,540	0.3	1,025
Grade 4. Range \$2,100 to \$2,496:	11	24,926	11	24,486	10.9	20,608
Grade 3. Range \$1,902 to \$2,298:	11.8	23,795	11.8	23,245	10.4	17,715
Grade 2. Range \$1,704 to \$2,100:	3	5,486	3	5,376	4.7	6,914
Subprofessional service:						
Grade 8. Range \$2,800 to \$3,640:						
Grade 7. Range \$2,650 to \$3,310:	1	3,640	1	3,640	1.7	5,150
Grade 6. Range \$2,320 to \$2,980:	1	3,035	1	2,980	0.2	625
Grade 5. Range \$2,100 to \$2,496:	4	9,830	4	9,720	3.2	6,815
Grade 4. Range \$1,902 to \$2,298:	10.5	22,805	10.5	22,425	7.7	14,110

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, FIELD—continued</b>						
Subprofessional service—Continued						
Grade 4. Range \$1,902 to \$2,298	14	\$28,328	14	\$27,882	13.7	\$23,045
Grade 3. Range \$1,704 to \$2,100	14.2	24,164	14.2	23,189	14.5	21,997
Grade 2. Range \$1,572 to \$1,968	10	16,699	10	16,380	8.8	12,046
Crafts, protective, and custodial service:						
Grade 6. Range \$2,166 to \$2,562	4	9,324	4	9,258	4	7,740
Grade 5. Range \$1,968 to \$2,364	4	8,334	4	8,268	3.4	5,920
Grade 4. Range \$1,770 to \$2,166	6	10,950	6	10,818	5.2	7,925
Grade 3. Range \$1,572 to \$1,902	4	6,816	4	6,750	8.5	11,528
Grade 2. Range \$1,440 to \$1,770					0.8	997
Unclassified	23.5	20,068	23.5	20,068	27.5	24,634
Total permanent, field	187.5	486,885	187.5	480,085	185.7	406,054
Temporary employment, field	29.5	33,000	29.5	33,000	29	32,571
W. A. E. employment, field	3	4,500	3	4,500	2.3	3,509
Overtime pay, field				12,456		79,535
All personal services, field	220	524,385	220	530,041	217	521,669
Total, departmental and field	242.6	602,038	242.6	608,638	236.4	595,162
Deduct quarters and subsistence furnished		7,700		7,700		7,500
01 Personal services (net)	242.6	594,338	242.6	600,938	236.4	587,662
<b>OTHER OBLIGATIONS</b>						
02 Travel		13,000		13,000		11,861
03 Transportation of things		8,500		8,500		8,035
04 Communication services		5,000		5,000		4,785
05 Rents and utility services		35,000		35,000		34,146
07 Other contractual services		95,000		95,000		94,238
08 Supplies and materials		175,344		175,344		174,194
09 Equipment		71,600		6,000		6,525
Total other obligations		403,444		337,844		333,784
Grand total obligations		997,782		938,782		921,446
Reimbursements for services performed		-3,782		-3,782		-4,271
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"						+440
Received by transfer from "Salaries and expenses, animal industry, Agricultural Research Administration," general administrative expenses						-29,000
Net total obligations		994,000		935,000		888,615
Covered into Treasury as miscellaneous receipts, Public Law 529						+36
Excess of obligations over appropriation due to Public Law 106				-95,000		
Estimated savings, unobligated balance						10,849
Total estimate or appropriation		994,000		840,000		899,500
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Swine husbandry investigations		\$148,455		\$147,326		\$155,697
2. Sheep and goat husbandry investigations		163,385		167,107		145,660
3. Horse and mule husbandry investigations		44,533		44,215		36,474
4. Beef cattle husbandry investigations		208,663		207,072		183,050
5. Dual-purpose cattle husbandry investigations		70,422		69,919		65,331
6. Poultry husbandry investigations		280,895		278,750		234,594
7. Certification of pedigrees of imported registered livestock		7,047		7,001		6,310
8. Facilities in building for large animals		65,600				
9. Services performed for other agencies		3,782		3,782		4,271
10. Overtime pay				13,610		90,059
Grand total obligations		997,782		938,782		921,446
Adjustments (see objects schedule for detail)		-3,782		-98,782		-21,946
Total estimate or appropriation		994,000		840,000		899,500

Diseases of animals: For scientific investigations of diseases of animals, and necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, [S\$708,900] \$895,000, including not to exceed \$30,000 for construction of a building to be used in conducting investigations of pneumoencephalitis in poultry and not to exceed \$75,000 for enlarging the zoological laboratory building at the Agricultural Research Center. (5 U. S. C. 565a; 7 U. S. C. 395, 430; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$895,000

Appropriated 1946, \$708,900

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 8. Range \$3,750 to \$9,800:						
Special consultant to chief					0.2	\$1,344



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>			
Professional service—Continued			
Grade 7. Range \$7,175 to \$8,225:			
Chief, pathological division	0.6 \$4,185	0.6 \$4,185	0.1 \$554
Grade 6. Range \$6,230 to \$7,070:			
Assistant chief of bureau and chief of pathological division			0.4 2,967
Chief, zoological division	0.8 5,145	0.8 5,145	0.8 4,500
Assistant chief, pathological division	1 6,230	1 6,230	0.4 2,342
Grade 5. Range \$5,180 to \$6,020:			
Assistant chief, zoological division	1 5,600	0.5 2,800	0.6 3,100
Assistant chief, pathological division			0.7 3,800
Bacteriologist	0.8 4,358	0.8 4,358	0.5 2,500
Biochemist	0.5 2,905	0.5 2,905	1.5 7,100
Veterinarian	1.5 8,295	1.5 8,225	
Grade 4. Range \$4,300 to \$5,180:			
Veterinarian	1.8 8,470	1.8 8,470	1.8 7,133
Grade 3. Range \$3,640 to \$4,300:			
Veterinarian	2 7,464	2 7,339	2 6,283
Grade 2. Range \$2,980 to \$3,640:	1.8 6,145	1.8 6,065	2.4 6,544
Grade 1. Range \$2,320 to \$2,980:	1 2,950	1 2,980	1 2,550
Clerical, administrative, and fiscal service:			
Grade 12. Range \$5,180 to \$6,020:			
Assistant business manager	1 5,390	1 5,390	1 4,600
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant	1 3,750	1 3,660	0.2 775
Grade 7. Range \$2,980 to \$3,640:	2.6 8,313	2.6 8,198	2.4 6,621
Grade 5. Range \$2,320 to \$2,980:	1.7 4,153	1.7 4,153	2.3 4,783
Grade 4. Range \$2,100 to \$2,496:	4 9,390	4 9,260	2.9 6,111
Grade 3. Range \$1,902 to \$2,298:	1 1,902	1 1,902	
Grade 2. Range \$1,704 to \$2,100:	0.5 984	0.5 984	1.6 2,516
Subprofessional service:			
Grade 4. Range \$1,902 to \$2,298:	0.8 1,542	0.8 1,501	0.9 1,470
Grade 3. Range \$1,704 to \$2,100:	1 2,100	1 2,085	1 1,785
Grade 2. Range \$1,572 to \$1,968:	2 3,375	2 3,375	1 1,555
Crafts, protective, and custodial service:			
Grade 2. Range \$1,440 to \$1,770:	2.5 3,930	2.5 3,930	3.1 3,999
Total permanent, departmental	30.9 106,606	30.4 103,140	28.8 84,932
Overtime pay, departmental		1,879	14,374
All personal services, departmental	30.9 106,606	30.4 105,019	28.8 99,306
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Parasitologist	0.3 2,000		
Veterinarian	0.3 2,000		
Grade 5. Range \$5,180 to \$6,020:			
In charge of field station	1 5,600	1 5,600	1 5,000
Assistant chief, zoological division		0.5 2,800	1 5,000
Biochemist	1 5,890	1 5,810	1 5,100
Grade 4. Range \$4,300 to \$5,180:			
In charge of field station	4 18,665	4 18,410	4 15,733
Nutritionist			0.5 2,047
Parasitologist	2 9,400	2 9,260	2 8,000
Protozoologist	1 4,360	1 4,300	0.9 3,178
Veterinarian	2.5 11,570	2.5 11,410	2.5 9,700
Zoologist	2.5 11,790	2.5 11,630	2.5 10,000
Grade 3. Range \$3,640 to \$4,300:			
In charge of field station	5.5 21,135	5.5 20,845	4 13,372
Librarian	1 3,800	1 3,750	1 3,250
Parasitologist	1 3,910	1 3,860	1 3,300
Protozoologist	1 3,685	1 3,640	0.7 2,267
Veterinarian	6 22,810	6 22,500	6.3 20,203
Zoologist	1 4,030	1 3,970	1 3,475
Grade 2. Range \$2,980 to \$3,640:	12.5 38,044	12.5 37,564	11.7 31,604
Grade 1. Range \$2,320 to \$2,980:	4.3 10,016	4.3 9,876	4.4 8,745
Clerical, administrative, and fiscal service:			
Grade 5. Range \$2,320 to \$2,980:	2 4,935	2 4,860	2 4,000
Grade 4. Range \$2,100 to \$2,496:	3 6,466	3 6,366	0.3 540
Grade 3. Range \$1,902 to \$2,298:	4 8,104	4 8,004	3.3 5,520
Grade 2. Range \$1,704 to \$2,100:	2 3,458	2 3,408	0.3 439
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640:	1 3,025	1 2,980	0.4 1,083
Grade 7. Range \$2,650 to \$3,310:			0.6 1,342
Grade 6. Range \$2,320 to \$2,980:	4.5 11,250	4.5 11,100	4.5 9,528
Grade 5. Range \$2,100 to \$2,496:	5 10,782	5 10,632	3.4 6,068
Grade 4. Range \$1,902 to \$2,298:	6.1 12,010	6.1 11,840	7.8 12,641
Grade 3. Range \$1,704 to \$2,100:	31.1 55,072	31.1 54,502	27.1 39,157
Grade 2. Range \$1,572 to \$1,968:	16.2 26,426	16.2 26,076	12.6 16,566
Grade 1. Range \$1,440 to \$1,836:	1 1,440	1 1,440	0.9 1,116
Crafts, protective, and custodial service:			
Grade 4. Range \$1,770 to \$2,166:	1 1,885	1 1,836	1 1,530
Grade 3. Range \$1,572 to \$1,902:	2 3,316	2 3,276	2 2,670
Grade 2. Range \$1,440 to \$1,770:	1 1,526	1 1,506	1 1,200
Unclassified	2.5 2,708	2.5 2,673	1.2 1,512
Total permanent, field	129.3 331,108	129.2 325,724	113.9 254,886
Temporary employment, field	55 80,000	55 80,000	54.8 78,880
W. A. E. employment, field	1.1 1,600	0.8 1,000	0.6 667
Overtime pay, field		7,871	53,349
All personal services, field	185.4 412,708	185 414,595	169.3 387,782
Total, departmental and field	216.3 519,314	215.4 519,614	193.1 487,088
Deduct quarters and subsistence furnished	1,800	1,800	1,710
01 Personal services (net)	216.3 517,514	215.4 517,814	198.1 485,378

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel	\$12,000	\$9,000	\$6,425
03 Transportation of things	1,730	1,500	1,226
04 Communication services	1,770	1,700	1,445
05 Rents and utility services	5,500	5,200	5,151
07 Other contractual services	61,000	61,000	56,697
08 Supplies and materials	181,686	181,186	163,647
09 Equipment	9,300	8,000	8,321
10 Lands and structures	105,000		6,299
Total other obligations	377,986	267,586	249,211
Grand total obligations	895,500	785,400	734,589
Reimbursements for services performed	—500	—500	—388
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"			+200
Received by transfer from "Salaries and expenses, animal industry, Agricultural Research Administration," general administrative expenses			—24,179
Net total obligations	895,000	784,900	710,222
Covered into Treasury as miscellaneous receipts, Public Law 529			+19
Excess of obligations over appropriation due to Public Law 106		—76,000	
Estimated savings, unobligated balance			46,698
Total estimate or appropriation	895,000	708,900	756,939
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Investigations of brucellosis (contagious abortion) of livestock	\$267,397	\$265,755	\$247,501
2. Investigations of infectious diseases of livestock and poultry caused by bacteria and fungi, other than brucellosis	130,399	129,601	92,159
3. Investigations of infectious diseases of livestock and poultry caused by viruses	88,413	87,869	65,396
4. Investigations of noninfectious diseases of livestock and poultry	47,682	47,372	42,768
5. Investigations of protozoan parasites of livestock and poultry, including coccidiosis	71,517	71,065	67,300
6. Investigations of worm parasites of livestock and poultry, such as tapeworms, flukes, and roundworms	77,455	76,977	69,173
7. Investigations of miscellaneous parasites of livestock and poultry	43,405	43,120	36,173
8. Investigations of treatments for parasites of livestock and poultry	53,732	53,391	46,008
9. Investigations in Alaska of diseases and parasites affecting livestock and poultry	10,000		
10. Construction of poultry and zoological laboratories	105,000		
11. Services performed for other agencies	500	500	388
12. Overtime pay		9,750	67,723
Grand total obligations	895,500	785,400	734,589
Adjustments (see objects schedule for detail)	—500	—76,500	+22,350
Total estimate or appropriation	895,000	708,900	756,939

Eradicating tuberculosis and Bang's disease: For the control and eradication of the diseases of tuberculosis and paratuberculosis of animals, avian tuberculosis, and Bang's disease of cattle, [\$5,048,000, together with not to exceed \$800,000 of the unobligated balance of the appropriation for the fiscal year 1943] \$6,750,000: *Provided*, That no part of the money hereby appropriated shall be used in compensating owners of cattle except in cooperation with and supplementary to payments to be made by State, Territory, county, or municipality where condemnation of cattle shall take place, nor shall any payment be made hereunder as compensation for or on account of any such animal if at the time of inspection or test, or at the time of condemnation thereof, it shall belong to or be upon the premises of any person, firm, or corporation to which it has been sold, shipped, or delivered for the purpose of being slaughtered: *Provided further*, That out of the money hereby appropriated no payment as compensation for any cattle condemned for slaughter shall exceed one-third of the difference between the appraised value of such cattle and the value of the salvage thereof; that no payment hereunder shall exceed the amount paid or to be paid by the State, Territory, county, and municipality where the animal shall be condemned; and that in no case shall any payment hereunder be more than \$25 for any grade animal or more than \$50 for any purebred animal. (21 U. S. C. 114a; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$6,750,000

Appropriated 1946, \$5,048,000



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## BUREAU OF ANIMAL INDUSTRY—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Animal Industry, Agricultural Research Administration—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 8. Range \$8,750 to \$9,800:						
Chief of bureau	1	\$9,013	1	\$9,013	1	\$8,000
Grade 7. Range \$7,175 to \$8,225:						
Chief, pathological division	0.3	1,794	0.3	1,794	0.3	1,625
Grade 6. Range \$6,230 to \$7,070:						
Chief, tuberculosis eradication division	1	6,860	1	6,860	1	6,100
Grade 5. Range \$5,180 to \$6,020:						
Assistant chief, tuberculosis eradication division	1	5,810	1	5,810	1	5,000
Bacteriologist	0.3	1,452	0.3	1,452	0.3	1,300
Biochemist	0.5	2,905	0.5	2,905	0.5	2,600
Veterinarian	1	5,600	1	5,600	1	4,800
Grade 4. Range \$4,300 to \$5,180:						
Chemist	0.5	2,365	0.5	2,335	0.5	2,000
Grade 3. Range \$3,640 to \$4,300:						
Technical editor	1	3,860	1	3,860	1	3,300
Veterinarian	0.6	2,382	0.6	2,366	0.6	2,017
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:						
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	4,520	1	4,447	0.2	633
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	2	7,500	2	7,372	2.3	7,262
Grade 7. Range \$2,980 to \$3,640:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Grade 1. Range \$1,506 to \$1,902:						
Subprofessional service:						
Grade 3. Range \$1,704 to \$2,100:						
Grade 2. Range \$1,572 to \$1,968:						
Grade 1. Range \$1,440 to \$1,836:						
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770:						
Total permanent, departmental	95.8	231,348	95.8	230,776	72.2	156,779
Overtime pay, departmental				4,738		31,048
All personal services, departmental	95.8	231,348	95.8	235,514	72.2	187,827
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Inspector in charge of field station	1.5	9,435	1.5	9,345	1.2	6,533
Grade 5. Range \$5,180 to \$6,020:						
Inspector in charge of field station	29.5	154,270	29.5	152,940	28.5	134,650
Veterinarian	1	5,230	1	5,180	0.7	3,067
Grade 4. Range \$4,300 to \$5,180:						
Inspector in charge of field station	11.9	53,212	11.9	52,742	12.6	48,366
Veterinarian	22.8	98,675	22.8	97,825	23	87,383
Grade 3. Range \$3,640 to \$4,300:						
Inspector in charge of field station	3.7	14,517	3.7	14,392	3.5	11,983
Veterinarian	45	169,289	45	167,889	40.2	129,650
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:						
Clerical, administrative, and fiscal service:						
Grade 6. Range \$2,650 to \$3,310:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Grade 1. Range \$1,506 to \$1,902:						
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980:						
Grade 5. Range \$2,100 to \$2,496:						
Grade 4. Range \$1,902 to \$2,298:						
Grade 3. Range \$1,704 to \$2,100:						
Grade 2. Range \$1,572 to \$1,968:						
Grade 1. Range \$1,440 to \$1,836:						
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770:						
Total permanent, field	887	2,543,135	804	2,301,875	736	1,811,437
Temporary employment, field		5,104		5,104		6,295
W. A. E. employment, field		21		86,000		53,983
Overtime pay, field				53,102		380,377
Additional pay for foreign service, field		7,675		7,675		6,712
All personal services, field	913	2,641,914	830	2,453,756	763	2,258,804
Total, departmental and field	1,008.8	2,873,262	925.8	2,689,270	835.2	2,446,631
Deduct quarters and subsistence furnished:		180		180		109
01 Personal services (net)	1,008.8	2,873,082	925.8	2,689,090	835.2	2,446,522

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel	\$420,408	\$385,000	\$315,413
03 Transportation of things	16,000	16,000	12,303
04 Communication services	7,200	7,200	7,141
05 Rents and utility services	18,500	18,500	18,500
07 Other contractual services	107,000	98,000	91,814
08 Supplies and materials	179,710	166,210	123,626
09 Equipment	172,100	123,000	116,827
13 Refunds, awards, and indemnities:			
Indemnities for animals slaughtered on account of:			
Tuberculosis	497,200	397,200	420,000
Bang's disease	2,458,800	2,372,800	2,215,000
Total other obligations	3,876,918	3,588,910	3,320,624
Grand total obligations	6,750,000	6,278,000	5,767,146
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"			+780
Received by transfer from "Salaries and expenses, animal industry, Agricultural Research Administration," general administrative expenses			-55,000
Reappropriation of 1944 balance for 1945			-343,959
Reappropriation of 1943 balance for 1946		-800,000	
Net total obligations	6,750,000	5,478,000	5,368,967
Covered into Treasury as miscellaneous receipts, Public Law 529			+304
Excess of obligations over appropriation due to Public Law 106		-430,000	
Estimated savings, unobligated balance			63,961
Total estimate or appropriation	6,750,000	5,048,000	5,433,232
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Eradicating tuberculosis in livestock (including poultry)	\$1,690,000	\$1,490,000	\$1,350,048
2. Eradicating Bang's disease in cattle	5,060,000	4,730,160	4,005,673
3. Overtime pay		57,840	411,425
Grand total obligations	6,750,000	6,278,000	5,767,146
Adjustments (see objects schedule for detail)		-1,230,000	-333,914
Total estimate or appropriation	6,750,000	5,048,000	5,433,232

## Hog-cholera control—

Transferred to "Salaries and expenses, animal industry, Agricultural Research Administration," inspection and quarantine: 1945, \$115,440.

Inspection and quarantine: For inspection and quarantine work, including the control and eradication of hog cholera and related swine diseases, southern cattle ticks, scabies in sheep and cattle, and dourine in horses, the supervision of the transportation of livestock, the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals in accordance with the Act of August 30, 1890 (21 U. S. C. 102), and the inspection work relative to the existence of contagious diseases, **[\$999,600] \$1,125,000.** (21 U. S. C. 101-105, 131; 45 U. S. C. 71-76; 46 U. S. C. 466a-466b; 7 U. S. C. 228a; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,125,000

Appropriated 1946, \$999,600

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief of bureau and chief of field inspection division	1	\$7,175	1	\$7,175	0.4	\$2,437
Grade 6. Range \$6,230 to \$7,070:						
Chief, field inspection division	1	6,440	1	6,380	1	5,600
Chief, information division	1	6,860	1	6,860	1	6,000
Grade 5. Range \$5,180 to \$6,020:						
Assistant chief, field inspection division	1	5,390	1	5,205	0.9	4,306
Assistant chief, interstate inspection division	1	5,810	1	5,810	1	5,000
Veterinarian	0.5	2,905	0.5	2,825	0.5	2,450
Grade 4. Range \$4,300 to \$5,180:						
Chemist	0.4	1,989	0.4	1,959	0.4	1,667
Information specialist	1	4,520	1	4,390	0.9	3,363
Grade 3. Range \$3,640 to \$4,300:						
Technical editor					0.1	406
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	1	3,750	1	3,740	1.1	3,776
Grade 7. Range \$2,980 to \$3,640:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						



By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Subprofessional service:						
Grade 2. Range \$1,572 to \$1,968.....	1	\$1,704	1	\$1,704	1.3	\$1,761
Total permanent, departmental.....	17.9	70,861	17.9	70,006	18	60,291
Overtime pay, departmental.....				1,216		9,455
All personal services, departmental.....	17.9	70,861	17.9	71,222	18	69,746
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Inspector in charge of field station.....	0.5	3,220	0.5	3,115	0.1	232
Grade 5. Range \$5,180 to \$6,020:						
Inspector in charge of field station.....	2.9	15,447	2.9	15,347	3.3	15,916
Grade 4. Range \$4,300 to \$5,180:						
Inspector in charge of field station.....	5.2	22,695	5.2	22,575	6.8	26,075
Veterinarian.....	0.7	3,320	0.7	3,225	0.6	2,117
Grade 3. Range \$3,640 to \$4,300:						
Inspector in charge of field station.....	17.4	66,201	17.4	65,651	15.6	51,179
Veterinarian.....	24.2	90,189	24.2	89,469	20.7	66,294
Grade 2. Range \$2,980 to \$3,640.....	71.2	247,298	71.2	245,698	72.8	222,799
Grade 1. Range \$2,320 to \$2,980.....	1	2,320	1	2,320	0.2	417
Clerical, administrative, and fiscal service:						
Grade 8. Range \$3,310 to \$3,970.....	1	3,310	1	3,310	0.1	116
Grade 7. Range \$2,980 to \$3,640.....	16	47,197	16	47,089	8.7	22,909
Grade 6. Range \$2,650 to \$3,310.....	72.5	204,696	72.5	202,696	75.4	178,968
Grade 5. Range \$2,320 to \$2,980.....	17.7	41,865	17.7	41,325	18.4	39,469
Grade 4. Range \$2,100 to \$2,496.....	48.7	106,310	48.7	105,360	47.3	85,579
Grade 3. Range \$1,902 to \$2,298.....	7.8	15,203	7.8	15,053	10.1	16,776
Grade 2. Range \$1,704 to \$2,100.....	1.2	2,439	1.2	2,439	3	4,770
Crafts, protective, and custodial service:						
Grade 7. Range \$2,364 to \$2,870.....	1	2,430	1	2,430	1	2,085
Unclassified.....	3	3,240	3	3,240	2	3,156
Total permanent, field.....	292	877,380	292	870,342	286.1	738,858
W. A. E. employment, field.....	0.7	2,500	0.7	2,500	0.7	2,191
Overtime pay, field.....				21,120		153,160
Additional pay for foreign service, field.....		10,212		10,212		8,403
All personal services, field.....	292.7	890,092	292.7	904,174	286.8	902,612
Total, departmental and field.....	310.6		310.6		304.8	
Deduct quarters and subsistence furnished.....		960,953		975,296		972,358
		980		980		969
01 Personal services (net).....	310.6		310.6		304.8	
		959,973		974,416		971,389
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		64,000		64,000		59,590
03 Transportation of things.....		4,000		4,000		3,450
04 Communication services.....		4,000		4,000		3,817
05 Rents and utility services.....		9,600		9,600		9,606
07 Other contractual services.....		27,000		27,000		26,207
08 Supplies and materials.....		18,714		18,714		18,938
09 Equipment.....		28,000		28,000		12,003
Total other obligations.....		155,314		155,314		133,611
Grand total obligations.....		1,115,287		1,129,730		1,105,000
Reimbursements for services performed.....		-1,000		-1,000		-1,185
Transferred to "Salaries and expenses, marketing services (transfer from Bureau of Animal Industry)".....		+10,713		+10,870		+14,364
Received by transfer from "Salaries and expenses, animal industry, Agricultural Research Administration":						
General administrative expenses.....						-36,100
Hog-cholera control.....						-115,440
Net total obligations.....		1,125,000		1,139,600		966,639
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+78
Excess of obligations over appropriation due to Public Law 106.....				-140,000		
Estimated savings, unobligated balance.....						36,413
Total estimate or appropriation.....		1,125,000		999,600		1,003,130
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Scabies eradication.....		\$115,720		\$114,900		\$92,125
2. Control over interstate shipment of livestock for the purpose of preventing the spread of communicable diseases.....		364,867		362,294		337,475
3. Determination by inspectors in the field of the existence of diseases.....		59,930		59,500		24,060
4. Inspection and quarantine of import animals.....		125,690		124,800		114,873
5. Supervision over the importation of hides and other animal byproducts, forage, etc.....		71,910		71,400		64,689
6. Inspection and testing of animals for export.....		20,140		20,000		6,645
7. Eradicating cattle ticks.....		221,460		219,900		187,426
8. Control of hog cholera and related swine diseases.....		115,720		114,900		97,407
9. Portion of funds for enforcement of 28-hour law retained by Bureau of Animal Industry to cover cost of services performed for Office of Marketing Services on that project.....		18,850		18,700		16,500

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
10. Services performed for other agencies.....	\$1,000	\$1,000	\$1,185
11. Overtime pay.....		22,336	162,615
Grand total obligations.....	1,115,287	1,129,730	1,105,000
Adjustments (see objects schedule for detail).....	+9,713	-130,130	-101,870
Total estimate or appropriation.....	1,125,000	999,600	1,003,130

Meat inspection: For carrying out the provisions of laws relating to Federal inspection of meat and meat food products, **[\$7,800,000] \$9,160,000.** (21 U. S. C. 71-96; 31 U. S. C. 725a; 7 U. S. C. 431; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$9,160,000

Appropriated 1946, \$7,800,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Chief, zoological division.....	0.3	\$1,715	0.3	\$1,715	0.3	\$1,500
Grade 3. Range \$3,640 to \$4,300:						
Veterinarian.....	0.5	1,930	0.5	1,887	0.5	1,600
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980.....	0.3	810	0.3	807	0.3	511
Grade 4. Range \$2,100 to \$2,496.....					0.1	145
Subprofessional service:						
Grade 4. Range \$1,902 to \$2,298.....	0.8	1,468	0.8	1,450	0.2	270
Grade 3. Range \$1,704 to \$2,100.....					0.5	787
Total permanent, departmental.....	1.9	5,923	1.9	5,859	1.9	4,813
Overtime pay, departmental.....				119		843
All personal services, departmental.....	1.9	5,923	1.9	5,978	1.9	5,656
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Biochemist.....	1	5,810	1	5,810	1	5,100
Grade 4. Range \$4,300 to \$5,180:						
Inspector in charge of field station.....	1	4,593	1	4,520	1	3,867
Zoologist.....	0.5	2,370	0.5	2,370	0.5	2,000
Grade 3. Range \$3,640 to \$4,300:						
Inspector in charge of field station.....	0.5	1,875	0.5	1,875	0.5	1,600
Grade 2. Range \$2,980 to \$3,640.....	1	3,200	1	3,145	0.2	675
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980.....	0.5	1,215	0.5	1,181	0.8	2,033
Grade 5. Range \$2,100 to \$2,496.....					0.5	853
Grade 4. Range \$1,902 to \$2,298.....	0.9	1,865	0.9	1,850	0.9	1,530
Grade 3. Range \$1,704 to \$2,100.....	0.5	978	0.6	1,219	0.5	720
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770.....	1	1,572	1	1,572	1	1,260
Total permanent, field.....	6.9	23,478	7	23,542	6.9	19,638
Overtime pay, field.....				419		3,444
All personal services, field.....	6.9	23,478	7	23,961	6.9	23,082
01 Personal services (net).....	8.8	29,401	8.9	29,939	8.8	28,738
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		50		50		
03 Transportation of things.....		100		100		6
04 Communication services.....		90		90		50
07 Other contractual services.....		300		300		58
08 Supplies and materials.....		1,407		1,407		926
09 Equipment.....		100		100		6
Total other obligations.....		2,047		2,047		1,046
Grand total obligations.....		31,448		31,986		29,784
Transferred to "Salaries and expenses, marketing services (transfer from Bureau of Animal Industry)".....		+9,123,552		+9,358,014		+9,370,394
Received by transfer from "Salaries and expenses, animal industry, Agricultural Research Administration," general administrative expenses.....						-43,100
Net total obligations.....		9,160,000		9,390,000		9,357,078
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+1
Excess of obligations over appropriation due to Public Law 106.....				-1,590,000		
Estimated savings, unobligated balance.....						2,045
Total estimate or appropriation.....		9,160,000		7,800,000		9,359,124

Virus Serum Toxin Act: For carrying out the provisions of the Act approved March 4, 1913 (21 U. S. C. 151-158), regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous product manufactured in the United States and the importation of such products intended for use in the



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## BUREAU OF ANIMAL INDUSTRY—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Animal Industry, Agricultural Research Administration—Continued

treatment of domestic animals, [S243,400] \$300,000. (7 U. S. C. 480; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$300,000

Appropriated 1946, \$243,400

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Chief, pathological division.....	0.2	\$1,196	0.2	\$1,196	0.2	\$1,104
Grade 4. Range \$4,300 to \$5,180:						
Chemist.....	0.1	394	0.1	389	0.1	332
Veterinarian.....	0.2	790	0.2	790	0.2	667
Grade 3. Range \$3,640 to \$4,300:						
Veterinarian.....	0.7	2,978	0.7	2,978	0.7	2,531
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640.....	1.2	4,155	1.2	4,125	1.5	4,191
Grade 2. Range \$1,704 to \$2,100.....	1	1,770	1	1,770	0.9	1,353
Grade 1. Range \$1,506 to \$1,902.....	1	1,572	1	1,532	0.7	989
Subprofessional service:						
Grade 4. Range \$1,902 to \$2,298.....	0.5	1,017	0.5	1,017	0.5	840
Grade 2. Range \$1,572 to \$1,968.....	0.5	918	0.5	900	0.5	720
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770.....	0.5	819	0.5	810	1	1,345
Total permanent, departmental.....	5.9	15,609	5.9	15,507	6.3	14,072
Overtime pay, departmental.....				320		2,515
All personal services, departmental.....	5.9	15,609	5.9	15,827	6.3	16,587
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Chief, division of virus-serum control.....	1	6,860	1	6,860	1	6,100
Grade 5. Range \$3,180 to \$6,020:						
Assistant chief, division of virus-serum control.....	1	6,020	1	5,859	1	5,150
Inspector in charge of field station.....	0.8	4,043	0.8	4,043	0.7	3,450
Grade 4. Range \$4,300 to \$5,180:						
Inspector in charge of field station.....	6.8	30,837	6.8	30,140	7.2	27,318
Veterinarian.....	1	4,520	1	4,385	0.9	3,483
Grade 3. Range \$3,640 to \$4,300:						
Inspector in charge of field station.....	6	23,930	6	23,840	6.1	21,000
Veterinarian.....	16.8	63,389	16.8	62,814	14.1	44,796
Grade 2. Range \$2,980 to \$3,640.....	18.6	59,240	14.6	47,278	16.6	47,891
Grade 1. Range \$2,320 to \$2,980.....					0.7	1,312
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640.....	1	2,980	1	2,980	0.4	975
Grade 6. Range \$2,650 to \$3,310.....	11	32,440	11	31,559	10.1	24,006
Grade 5. Range \$2,320 to \$2,980.....	12	28,942	9	21,557	6.2	12,066
Grade 4. Range \$2,100 to \$2,496.....	1	2,166	1	2,166	1.7	3,220
Grade 3. Range \$1,902 to \$2,298.....	2	3,936	2	3,834	7.1	13,449
Grade 2. Range \$1,704 to \$2,100.....	2	3,870	2	3,820	1.8	3,040
Total permanent, field.....	81	273,173	74	251,135	75.6	217,256
Overtime pay, field.....				5,220		41,997
All personal services, field.....	81	273,173	74	256,355	75.6	259,253
01 Personal services (net).....	86.9	288,782	79.9	272,182	81.9	275,840
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		7,300		7,300		7,144
03 Transportation of things.....		800		800		585
04 Communication services.....		1,200		1,200		1,007
05 Rents and utility services.....		2,100		2,100		1,998
07 Other contractual services.....		800		800		468
08 Supplies and materials.....		1,400		1,400		1,140
09 Equipment.....		1,845		1,845		1,774
Total other obligations.....		15,445		15,445		14,116
Grand total obligations.....		304,227		287,627		289,956
Reimbursements for services performed.....		-4,227		-4,227		-4,140
Received by transfer from "Salaries and expenses, animal industry, Agricultural Research Administration," general administrative expenses.....						-8,000
Net total obligations.....		300,000		283,400		277,816
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+12
Excess of obligations over appropriation due to Public Law 106.....				-40,000		
Estimated savings, unobligated balance.....						1,400
Total estimate or appropriation.....		300,000		243,400		279,228

## Marketing Agreements, Hog Cholera Virus and Serum, Agricultural Research Administration—

Marketing agreements, hog cholera virus and serum: The sum of [S31,940] \$37,300 of the appropriation made by section 12 (a)

of the Agricultural Adjustment Act, approved May 12, 1933, is hereby made available during the fiscal year for which appropriations are herein made to carry into effect sections 56 to 60, inclusive, of the Act approved August 24, 1935 (7 U. S. C. 851-855), entitled "An Act to amend the Agricultural Adjustment Act, and for other purposes", including the employment of persons and means in the District of Columbia and elsewhere. (Act of May 5, 1945, Public Law 52.)

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Veterinarian.....	1	\$4,960	1	\$4,791	1	\$4,150
Grade 2. Range \$2,980 to \$3,640.....	3	9,820	3	9,752	2.9	8,482
Grade 1. Range \$2,320 to \$2,980.....					0.1	167
Clerical, administrative, and fiscal service:						
Grade 6. Range \$2,650 to \$3,310.....	2	5,630	2	5,600	2	4,675
Grade 4. Range \$2,100 to \$2,496.....	5.7	12,860	5.7	12,645	3.5	6,705
Grade 3. Range \$1,902 to \$2,298.....	2	3,936	2	3,888	1.9	3,184
Grade 2. Range \$1,704 to \$2,100.....					1.2	1,723
Total permanent, field.....	13.7	37,206	13.7	36,676	12.6	29,086
Overtime pay, field.....				970		5,933
01 Personal services (net).....	13.7	37,206	13.7	37,646	12.6	35,019
<b>OTHER OBLIGATIONS</b>						
04 Communication services.....		4		4		2
07 Other contractual services.....		90		90		59
Total other obligations.....		94		94		61
Grand total obligations.....		37,300		37,740		35,080
Received by transfer from "Salaries and expenses, Agricultural Adjustment Administration".....		-37,300		-37,740		-38,444
Estimated savings, unobligated balance.....						3,364
Total estimate or appropriation.....						

## ERADICATION OF FOOT-AND-MOUTH AND OTHER CONTAGIOUS DISEASES OF ANIMALS

## Eradication of Foot-and-Mouth and Other Contagious Diseases of Animals, Agricultural Research Administration—

In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious diseases of animals, or *European fowl pest* and similar diseases in poultry, which, in the opinion of the Secretary, threatens the livestock or the poultry industry of the country, he may expend in the city of Washington or elsewhere any unexpended balances of appropriations heretofore made for this purpose, not to exceed \$305,000, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction [in cooperation with the States,] of animals (including poultry) affected by or exposed to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all lawful quarantine regulations: *Provided*, That the payment for such animals hereafter purchased may be made on appraisal based on the meat, egg-production, dairy, or breeding value, but in case of appraisal based on breeding value no appraisal of any such animal shall exceed three times its meat, egg-production, or dairy value, and, except in case of an extraordinary emergency, to be determined by the Secretary, the payment by the United States Government for any such animals shall not exceed one-half of any such appraisements: *Provided further*, That [of said \$305,000 not to exceed \$5,000 may be used to control and eradicate the European fowl pest and similar diseases in poultry] poultry may be appraised in groups when the basis for appraisal is the same for each bird. (21 U. S. C. 114a; Act of May 5, 1945, Public Law 52.)

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Reappropriation of prior year balance for 1945.....			-\$305,000
Reappropriation of 1945 balance for 1946.....		-\$305,000	+305,000
Reappropriation of 1946 balance for 1947.....	-\$305,000	+305,000	
Reappropriation of 1947 balance for 1948.....	+305,000		
Total estimate or appropriation.....			



## Special Research Fund, Department of Agriculture (Bureau of Animal Industry)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
In charge, regional research laboratory	4	\$27,020	4	\$26,908	4	\$23,600
Grade 5. Range \$5,180 to \$6,020:						
Biochemist	1	5,390	1	5,245	0.8	3,833
Geneticist (poultry)	1	5,810	1	5,754	1	5,000
Physiologist	0.5	2,905	0.5	2,877	0.5	2,500
Grade 4. Range \$4,300 to \$5,180:						
Animal husbandman	1	4,740	1	4,740	1	4,000
Biochemist					0.2	700
Cytopathologist	1	4,520	1	4,461	1	3,800
Physiologist (poultry)	1	4,520	1	4,368	0.8	3,167
Veterinarian	2	9,040	2	8,998	2	7,600
Grade 3. Range \$3,640 to \$4,300:						
Animal husbandman	1.8	6,662	1.8	6,662	2.1	6,875
Physiologist					0.2	567
Animal fiber technologist	1	3,750	1	3,674	0.4	1,271
Chemist					0.4	1,200
Geneticist	1	3,970	1	3,970	1	3,400
Protozoologist					0.6	1,810
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:						
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Grade 1. Range \$1,506 to \$1,902:						
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980:						
Grade 5. Range \$2,100 to \$2,496:						
Grade 4. Range \$1,902 to \$2,298:						
Grade 3. Range \$1,704 to \$2,100:						
Grade 2. Range \$1,572 to \$1,968:						
Grade 1. Range \$1,440 to \$1,836:						
Crafts, protective, and custodial service:						
Grade 7. Range \$2,364 to \$2,870:						
Grade 4. Range \$1,770 to \$2,166:						
Grade 3. Range \$1,572 to \$1,902:						
Unclassified:						
Skilled laborer	1	1,008	1	1,008	1	900
Unskilled laborer	9	9,000	9	9,000	8.7	7,191
Total permanent, field	68.3	179,760	68.3	178,250	66.9	148,355
Temporary employment, field	48	57,116	48	57,116	44.9	54,320
W. A. E. employment, field	6.7	11,176	6.7	11,324	6.1	7,049

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, FIELD—continued</b>						
Overtime pay, field				\$3,805		\$29,482
All personal services, field	123	\$248,052	123	250,495	117.9	239,206
Deduct quarters and subsistence furnished		1,050		1,050		911
01 Personal services (net)	123	247,002	123	249,445	117.9	238,295
<b>OTHER OBLIGATIONS</b>						
02 Travel		4,510		4,860		5,735
03 Transportation of things		870		870		1,735
04 Communication services		425		425		424
05 Rents and utility services		4,400		4,400		4,487
06 Printing and binding		1,700		1,700		
07 Other contractual services		3,615		3,615		4,615
08 Supplies and materials		66,156		66,856		76,961
09 Equipment		6,830		5,780		8,118
Total other obligations		88,506		88,506		102,075
Grand total obligations		335,508		337,951		340,370
Reimbursements for services performed						-4,140
Allotted from "Special research fund, Department of Agriculture"		-335,508		-337,951		-344,594
Covered into Treasury as miscellaneous receipts, Public Law 529						+8
Estimated savings, unobligated balance						8,356
Total estimate or appropriation						
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Special research laboratories in major agricultural regions		\$301,526		\$300,520		\$276,175
2. Special research projects		33,982		33,626		30,573
3. Services performed for other agencies						4,140
4. Overtime pay				3,805		29,482
Grand total obligations		335,508		337,951		340,370
Adjustments (see objects schedule for detail)		-335,508		-337,951		-340,370
Total estimate or appropriation						

Total, Bureau of Animal Industry, annual appropriation, general account:

Estimate 1947, \$19,224,000

Appropriated 1946, \$15,639,900

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## BUREAU OF ANIMAL INDUSTRY

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Animal husbandry	1	\$1,050	1	\$300	\$750	8	\$2,430	Travel by officials of experiment stations at Brooksville, Fla.; Dubois, Idaho; Falfurrias, Tex.; Middlebury, Vt.; Miles City, Mont.; Jeanerette, La.; and Beltsville, Md., in surrounding territory and carrying visiting scientists to the more remote parts of the stations.
Diseases of animals	2	2,100	2	600	1,500	3	1,350	Official travel in vicinities of Salina, Utah; Ames, Iowa; Angleton, Tex.; and Beltsville, Md., investigating growth of poisonous plants and losses of animals due to consumption of same; to outlying farms for conducting investigations in hog cholera; for demonstrating on farms and ranches the method of treating cattle affected with liver fluke; and investigations of parasitic diseases, respectively.
Eradicating tuberculosis and Bang's disease	162	170,100	120	36,000	134,100	400	177,600	Travel to farms by veterinary inspectors in all States and Puerto Rico in connection with eradication of tuberculosis and Bang's disease in livestock.
Inspection and quarantine	36	37,800	36	10,800	27,000	57	27,900	Travel to farms, ranches, and other premises by Bureau inspectors in 24 States in connection with the eradication of scabies and dourine, travel in international inspection and quarantine; travel to farms, premises, and dipping vats by veterinary inspectors in Alabama, Arkansas, Florida, Louisiana, Texas, Mississippi, and Puerto Rico in connection with eradication of cattle ticks; travel to farms and premises by veterinary inspectors in 15 States in connection with the eradication of hog cholera.
Virus-Serum-Toxin Act	1	1,050	1	300	750	2	810	Travel to establishments producing anti-hog-cholera serum and other products in Iowa, Kansas, and Missouri.
Total	202	212,100	160	48,000	164,100	470	210,090	



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## BUREAU OF DAIRY INDUSTRY

## Salaries and Expenses, Dairy Industry, Agricultural Research Administration—

Salaries and expenses: For necessary expenses, including not to exceed **\$332,325** \$520,320 for personal services in the District of Columbia, of the Bureau of Dairy Industry in carrying out the provisions of the Act of May 29, 1924 (7 U. S. C. 401-404), including investigations, experiments, and demonstrations in dairy industry, [cooperative investigations of the dairy industry in the various States,] for carrying out the applicable provisions of the Acts of May 9, 1902 (26 U. S. C. 2325, 2326 (c), 2327 (b)), and August 10, 1912 (26 U. S. C. 2327 (c)), relating to process or renovated butter, and the Act of May 23, 1908 (21 U. S. C. 94 (a)) insofar as it relates to the exportation of process or renovated butter, **\$742,300** \$1,011,000. (5 U. S. C. 511; 7 U. S. C. 385, 385a, 421-422a; Act of May 5, 1945, Public Law 52.)

Annual appropriation, general account:

Estimate 1947, **\$1,011,000**

Appropriated 1946, **\$742,300**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 8. Range \$6,750 to \$9,800:						
Chief of bureau	1	\$9,800	1	\$9,800	1	\$9,000
Grade 7. Range \$7,175 to \$8,225:						
Head, division of dairy research laboratories	1	7,175	1	7,175	0.5	2,978
Grade 6. Range \$6,230 to \$7,070:						
Assistant to the chief (research)	1	6,860	1	6,803	1	6,000
Chemist	1	6,230	1	6,230	0.5	2,567
Dairy technician					0.2	1,400
Head, division of dairy cattle breeding, feeding, and management	1	7,070	1	7,070	1	6,400
Head, division of dairy-herd improvement	1	6,230	1	6,230	0.5	2,567
Head, division of dairy research laboratories					0.5	3,033
Grade 5. Range \$5,180 to \$6,020:						
Chemist	1	6,020	1.1	6,610	1.5	8,056
Dairy husbandman	7	41,300	6.5	38,035	7	36,000
Dairy manufacturing specialist	1	5,390	1	5,301	1	4,600
Head, division of dairy-herd improvement					0.5	2,708
Head, section of information	1	5,810	1	5,753	1	5,000
Market milk specialist	1	6,020	1	6,020	1	5,400
Grade 4. Range \$4,300 to \$5,180:						
Bacteriologist	3	13,780	3	13,425	3	11,550
Chemist	2	9,040	2	8,947	2	7,600
Dairy manufacturing specialist	2	9,920	2	9,861	2	8,600
Engineer	1	4,520	1	4,461	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Bacteriologist	1	3,750	1	3,750	1	3,200
Chemist	7.6	30,300	8	31,354	7.3	24,577
Dairy economist	1	4,300	1	4,300	1	3,775
Dairy manufacturing specialist	2	7,720	2	7,690	2	6,575
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:	5.4	16,500	3.3	10,380	2.8	7,390
Grade 1. Range \$2,320 to \$2,980:	1	2,320	1	2,320		
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Assistant to the chief	1	6,020	1	5,907	1	5,200
Grade 9. Range \$3,640 to \$4,300:						
Head, administrative operations section	1	3,750	1	3,644		
Head, personnel section	1	3,860	1	3,831	1	3,213
Grade 7. Range \$2,980 to \$3,640:	6.6	21,170	7	22,413	7	19,120
Grade 6. Range \$2,650 to \$3,310:	1	2,760	1	2,683	0.3	767
Grade 5. Range \$2,320 to \$2,980:	12	29,930	12	29,625	11.9	24,570
Grade 4. Range \$2,100 to \$2,496:	15.8	36,017	15.6	35,445	15.3	30,268
Grade 3. Range \$1,902 to \$2,298:	91	177,190	28.5	57,905	27.3	45,182
Grade 2. Range \$1,704 to \$2,100:	4	7,212	3.5	6,119	2.3	4,166
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:	1	3,420	1	3,361	0.9	2,617
Grade 7. Range \$2,650 to \$3,310:					0.1	233
Grade 5. Range \$2,100 to \$2,496:	2	4,464	2	4,446	2	3,705
Grade 3. Range \$1,704 to \$2,100:	1	1,968	1	1,932	0.9	1,391
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:	2	3,540	2	3,504	2	2,850
Grade 2. Range \$1,440 to \$1,770:	5	7,794	4.9	7,650	4.6	5,770
Total permanent, departmental	187.4	519,150	122.4	390,030	115.9	321,828
Part-time employment, departmental					0.1	48
W. A. E. employment, departmental	0.4	1,170	0.4	1,170	0.2	187
Overtime pay, departmental				7,400		56,431
All personal services, departmental	187.8	520,320	122.8	398,600	116.2	378,494
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Head, division of nutrition and physiology	1	7,438	1	7,236	0.8	4,875

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD—continued</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service—Continued						
Grade 6. Range \$6,230 to \$7,070:						
Dairy technician	1	\$6,440	1	\$6,440	0.8	\$4,300
Head, division of nutrition and physiology					0.2	1,450
Grade 5. Range \$5,180 to \$6,020:						
Chemist	1	6,020	1	6,020	1	5,400
Dairy husbandman	1	5,180	1	5,180	0.4	1,792
Grade 4. Range \$4,300 to \$5,180:						
Chemist	2	9,040	2	8,710	1.5	5,848
Dairy husbandman	3	14,220	3	14,220	2.8	11,350
Veterinarian	1	4,520	1	4,520	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Chemist	2	8,160	2	8,160	2.5	8,576
Dairy husbandman	4	15,660	4	15,575	3.5	12,316
Dairy manufacturing specialist			1	4,300	1	3,800
Grade 2. Range \$2,980 to \$3,640:	8.9	29,400	8	26,833	8.7	24,913
Grade 1. Range \$2,320 to \$2,980:					0.8	1,416
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980:	1	2,430	1	2,333	0.1	250
Grade 4. Range \$2,100 to \$2,496:	1	2,364	1	2,364	1.9	3,536
Grade 3. Range \$1,902 to \$2,298:	1	2,232	1	2,196	0.9	1,530
Grade 2. Range \$1,704 to \$2,100:	2	3,804	2	3,733	2	3,060
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310:	1	2,760	1	2,700	0.5	1,150
Grade 5. Range \$2,100 to \$2,496:	1	2,166	1	2,113	1.5	2,860
Grade 4. Range \$1,902 to \$2,298:	5	9,906	2	4,182	2	3,465
Grade 3. Range \$1,704 to \$2,100:					0.7	1,000
Grade 2. Range \$1,572 to \$1,968:	1	1,572	1	1,572	0.8	1,038
Crafts, protective, and custodial service:						
Grade 5. Range \$1,968 to \$2,364:	9.5	20,182	8	17,310	8.2	14,660
Grade 4. Range \$1,770 to \$2,166:	25	44,910	7	13,014	5.1	7,738
Grade 3. Range \$1,572 to \$1,902:	2	3,408	2	3,408	2	2,760
Unclassified	27.5	37,135	24.2	32,708	23.7	30,880
Total permanent, field	101.9	238,947	76.2	194,827	74.4	163,763
Temporary employment, field					0.7	822
W. A. E. employment, field	2.5	2,473	2.5	2,473	1.9	2,202
Casual employment, field	1.1	1,600	1.1	1,600	2.2	3,066
Overtime pay, field				7,000		31,459
Night-work differential, field		2,200		2,200		
All personal services, field	105.5	245,220	79.8	208,100	79.2	201,312
Total, departmental and field	293.3	765,540	202.6	606,700	195.4	579,806
Deduct quarters and subsistence furnished		3,200		3,200		2,956
01 Personal services (net)	293.3	762,340	202.6	603,500	195.4	576,850
<b>OTHER OBLIGATIONS</b>						
02 Travel		5,940		4,500		4,420
03 Transportation of things		3,400		3,400		5,477
04 Communication services		3,200		3,200		3,219
05 Rents and utility services		16,500		16,500		16,600
07 Other contractual services		72,680		100,200		89,155
08 Supplies and materials		118,740		104,800		96,785
09 Equipment		28,200		6,000		15,985
Total other obligations		248,660		238,600		231,541
Grand total obligations		1,011,000		842,100		808,391
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"						+390
Net total obligations		1,011,000		842,100		808,781
Covered into Treasury as miscellaneous receipts, Public Law 529						+30
Excess of obligations over appropriation due to Public Law 106				-99,800		
Estimated savings, unobligated balance						4,147
Total estimate or appropriation		1,011,000		742,300		812,958
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Investigations of influence of breeding, feeding, and management practices on efficiency of production		\$404,012		\$358,200		\$315,301
2. Investigations of the nutritional and other physiological factors affecting the usefulness of dairy cattle		149,000		149,000		132,300
3. Investigations of dairy-herd-improvement association practices in relation to efficiency of production		279,888		142,400		122,500
4. Investigations of milk and milk products		171,900		171,900		145,000
5. Administration and enforcement of the Process (or Renovated) Butter Act (regulatory)		6,200		6,200		5,400
6. Overtime pay				14,400		87,890
Grand total obligations		1,011,000		842,100		808,391
Adjustments (see objects schedule for detail)				-99,800		+4,567
Total estimate or appropriation		1,011,000		742,300		812,958



## Special Research Fund, Department of Agriculture (Bureau of Dairy Industry)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Special dairy cattle and dairy products research</i>						
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Chemist.....	0.9	\$5,020	0.9	\$4,900	1	\$4,762
Grade 3. Range \$3,640 to \$4,300:						
Chemist.....	2	8,050	2	8,000	2	6,850
Total permanent, departmental.....	2.9	13,070	2.9	12,900	3	11,612
Overtime pay, departmental.....				202		1,880
All personal services, departmental.....	2.9	13,070	2.9	13,102	3	13,492
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Endocrinologist.....					0.1	522
Histologist.....	1	4,520	1	4,393	0.9	3,631
Physiologist.....	0.9	3,970	0.9	3,936		
Grade 3. Range \$3,640 to \$4,300:						
Bacteriologist.....	1	3,750	1	3,726	0.8	2,498
Chemist.....					0.2	591
Histologist.....					0.1	151
Grade 2. Range \$2,980 to \$3,640:					1.2	3,196
Grade 1. Range \$2,320 to \$2,980:						
Subprofessional service:					0.2	264
Grade 5. Range \$2,100 to \$2,496:					1.4	2,447
Grade 4. Range \$1,902 to \$2,298:	1	1,902	1	1,902	0.8	1,235

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## BUREAU OF DAIRY INDUSTRY

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses.....	2	\$2,100			\$2,100	4	\$1,000	New vehicles for use by dairy husbandmen in visiting dairy herds to examine calves for degree of mammary gland development; old vehicles for use of officials of the Bureau located in the field for official travel to towns adjacent to official stations to purchase supplies, to farms in vicinity of station to inspect cooperative experiments, and to factories for cheese introduction work.

## BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING

## SALARIES AND EXPENSES

## Salaries and Expenses, Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration—

For expenses [ ], independently or in cooperation with public or private agencies, including individuals, [ ] necessary for investigations, experiments, and demonstrations in connection with the production and improvement of farm crops and other plants and plant industries; soils and soil-plant relationships, and the application of engineering principles to agriculture; plant diseases, including nematodes, and methods for their prevention and control; plant and plant-disease collections and surveys; the distribution of weeds and means for their control; methods of handling, processing, transportation, and storage of agricultural products; and plants in foreign countries and our possessions for introduction into the United States, including explorations and surveys, and propagation and testing in this country; for the operation and maintenance of airplanes [and the purchase of not to exceed two]; and for personal services in the city of Washington and elsewhere, as follows: (5 U. S. C. 511-512—establishing the Department of Agriculture; 524—establishing the Bureau; 563, 564, 565a. The foregoing citations apply to all appropriation items under the Bureau which are not based upon specific legislative authority either incorporated in the language of the item or cited immediately thereunder; Act of May 5, 1945, Public Law 52.)

## General administrative expenses—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration":			
Field crops.....			+\$89,142
Fruit, vegetable, and specialty crops.....			+70,852
Forest diseases.....			+10,700
Soils, fertilizers, and irrigation.....			+29,413
Agricultural engineering.....			+24,893
Total estimate or appropriation.....			225,000

Field crops: For investigations on the production, improvement, and diseases of alfalfa, barley, clover, corn, cotton, flax, grasses, oats, rice, rubber crops, sorghums, soybeans, sugar beets, sugarcane, tobacco, wheat, and other field crops, [\$1,983,900] \$2,518,700; and there shall be transferred to the Bureau of Plant Industry, Soils, and Agricultural Engineering, without compensation therefor, real property (located in the vicinity of Salinas, California) and personal property valued at not exceeding a total of \$306,000, acquired for and heretofore used in connection with the Emergency Rubber Project; and there shall be included in the next annual Budget a statement in detail of the amount and value of the property so transferred. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$2,518,700

Appropriated 1946, \$1,983,900



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL  
ENGINEERING—Continued

## SALARIES AND EXPENSES—continued

Salaries and Expenses, Plant Industry, Soils, and Agricultural En-  
gineering, Agricultural Research Administration—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 8. Range \$8,750 to \$9,800:						
Chief of bureau	1	\$9,013	1	\$9,013	1	\$8,125
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief of bureau	1	8,225	1	8,225	1	7,500
Head of division	2.5	19,513	2.5	19,447	2.5	17,125
Grade 6. Range \$6,230 to \$7,070:						
Head of division	2	13,510	2	13,510	0.9	5,500
Agronomist	5	33,670	5	33,505	6	33,090
Pathologist	3	20,370	3	20,370	3	17,800
Physiologist	1	6,230	1.3	8,647	1.3	7,800
Technologist					0.8	4,558
Grade 5. Range \$5,180 to \$6,020:						
Agronomist	13.2	76,004	13.2	75,608	13.2	66,017
Biochemist	1	6,020	1	5,975	1.6	8,248
Botanist	1	5,810	1	5,810	1	5,000
Chemist	1	5,810	1	5,754	1	5,000
Ecologist	1	5,390	1	5,255	1	4,600
Pathologist	3.9	22,357	3.9	22,005	3.9	19,217
Physiologist	2	11,830	2	11,620	2.8	14,300
Technologist					0.5	2,700
Grade 4. Range \$4,300 to \$5,180:						
Agronomist	1	4,740	1	4,685	1	4,000
Biochemist					0.1	367
Myologist					0.5	1,742
Pathologist	3	14,880	2.8	14,033	2	8,800
Physiologist	0.9	4,782	0.9	4,578	1	4,474
Technologist	1	5,186	1	5,180	1	4,000
Grade 3. Range \$3,640 to \$4,300:						
Agronomist	1	4,300	1	4,300	1	3,800
Biochemist	2	7,610	2	7,610	2	6,500
Botanist	5	19,960	4	15,889	3.9	13,403
Editor					0.8	2,338
Myologist	1	4,190	1	4,190	1.4	4,954
Pathologist	1	3,750	1	3,742	1	3,187
Physiologist	1	4,300	1	4,300	1	3,800
Technologist	1	4,080	1	4,053	1	3,475
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer	1	7,070	1	7,070	1	6,400
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer	1	5,600	1	5,600	1	4,800
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	4,520	1	4,520	1	3,900
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	0.5	1,820	0.5	1,820		
Grade 7. Range \$2,980 to \$3,640:						
Grade 6. Range \$2,650 to \$3,310:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Grade 6. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,968:						
Grade 2. Range \$1,440 to \$1,770:						
Total permanent, departmental	182.5	630,949	180.9	624,103	183.5	550,823
Temporary employment, departmental	2.5	4,062	2	3,210	2	2,506
W. A. E. employment, departmental	0.4	500	0.4	500	1.3	1,491
Overtime pay, departmental				12,940		92,404
All personal services, departmental	185.4	635,511	183.3	640,753	186.8	647,224
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Plant physiologist	1	7,438				
Grade 6. Range \$6,230 to \$7,070:						
Agronomist	1	6,650	1	6,650	2.1	12,118
Grade 5. Range \$5,180 to \$6,020:						
Agronomist	13.2	71,640	11.9	65,013	11.5	54,104
Anatomist	1	5,390	1	5,390	1	4,600
Chemist	2	10,780	2	10,764	2	9,200
Pathologist	8	46,060	7.9	45,869	6.5	33,400
Physiologist	1	5,810	1	5,758	1	5,000
Grade 4. Range \$4,300 to \$5,180:						
Agronomist	25	112,730	22.4	100,593	21.1	83,497
Biochemist	1	5,180	1	5,015	1	4,350
Chemist	4.9	22,822	4.9	22,411	2.4	9,141
Cytologist	1	4,960	1	4,901	1	4,200
Geneticist	4.6	21,818	4.6	21,818	3	12,363

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
<b>PERSONAL SERVICES, FIELD—continued</b>						
Professional service—Continued						
Grade 4. Range \$4,300 to \$5,180—Con.						
Nematologist	1	\$4,960	1	\$4,960	1	\$4,200
Pathologist	15.1	72,230	15.1	71,704	14.4	59,209
Physiologist	4	19,840	4	19,726	4.2	17,528
Technologist	2	9,040	2	9,040	2	7,600
Grade 3. Range \$3,640 to \$4,300:						
Agronomist	52.3	201,841	46.2	181,089	47.1	153,014
Biochemist	0.3	1,039	0.3	1,039	0.3	825
Botanist	1	4,300	1	4,300	1	3,600
Chemist	4	15,440	4	15,247	4.8	15,856
Cytologist	1	4,300	1	4,300	1	3,750
Geneticist	4	15,771	4	15,626	3.2	10,525
Horticulturist	1	3,970				
Nematologist	2	8,050	2	8,050	2	7,000
Pathologist	19.5	75,760	16.1	62,790	13.7	46,599
Physiologist	0.8	2,910				
Technologist	2	8,160	2	8,160	2.3	8,039
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:						
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	1	3,750				
Grade 6. Range \$2,650 to \$3,310:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Grade 7. Range \$2,650 to \$3,310:						
Grade 6. Range \$2,320 to \$2,980:						
Grade 5. Range \$2,100 to \$2,496:						
Grade 4. Range \$1,902 to \$2,298:						
Grade 3. Range \$1,704 to \$2,100:						
Grade 2. Range \$1,572 to \$1,968:						
Grade 1. Range \$1,440 to \$1,836:						
Crafts, protective, and custodial service:						
Grade 4. Range \$1,770 to \$2,166:						
Grade 3. Range \$1,572 to \$1,902:						
Grade 2. Range \$1,440 to \$1,770:						
Unclassified	83.2	151,827	82.2	150,158	91.8	155,987
Total permanent, field	373	1,212,518	326.3	1,073,764	326.5	918,252
Temporary employment, field	16.1	25,704	9.1	14,104	6.3	9,882
Part-time employment, field	6.3	16,168	6.3	16,168	6.4	16,615
W. A. E. employment, field	20	29,368	20	29,456	15.9	20,862
Casual employment, field	61.6	81,370	42.1	51,900	40.9	50,266
Overtime pay, field				21,820		161,541
Additional pay for foreign service, field				648		335
All personal services, field	477	1,366,506	403.8	1,207,890	396	1,177,753
Total, departmental and field	662.4	2,002,017	587.1	1,848,643	582.8	1,824,977
Deduct quarters and subsistence furnished		4,417		4,417		4,236
01 Personal services (net)	662.4	1,997,600	587.1	1,844,226	582.8	1,820,741
<b>OTHER OBLIGATIONS</b>						
02 Travel		65,870		55,650		43,641
03 Transportation of things		10,800		8,400		8,395
04 Communication services		5,800		4,200		3,789
05 Rents and utility services		39,370		17,850		17,542
07 Other contractual services		219,310		164,700		172,507
08 Supplies and materials		112,870		93,924		82,168
09 Equipment		64,680		44,550		32,970
10 Lands and structures		4,000				
Total other obligations		522,700		389,274		361,012
Grand total obligations		2,520,300		2,233,500		2,181,753
Reimbursements for services performed		-1,600		-9,600		-4,537
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"						+1,630
Received by transfer from—						
"Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration"						
General administrative expenses						-89,142
Cereal crops and diseases						-650,524
Cotton and other fiber crops and diseases						-456,702
Dry-land agriculture						-11,380
Forage crops and diseases						-327,837
Plant exploration, introduction, and surveys						-162,495
Sugar-plant investigations						-370,000
Tobacco investigations						-143,520
Covered into Treasury as miscellaneous receipts, Public Law 529						+126
Excess of obligations over appropriation due to Public Law 106				-240,000		
Estimated savings, unobligated balance						32,628
Total estimate or appropriation		2,518,700		1,983,900		



By products or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
1. Cereal production, breeding, disease, and quality investigations:			
(a) Barley.....	\$71,840	\$71,480	\$65,650
(b) Corn.....	172,140	171,570	154,850
(c) Seed flax.....	36,190	36,010	28,780
(d) Grain sorghum.....	42,250	42,010	40,630
(e) Oats.....	42,950	42,660	41,280
(f) Rice.....	46,610	46,460	43,260
(g) Wheat and rye.....	241,940	240,100	218,570
(h) Weeds.....	72,080	46,370	40,730
Total, cereal production, etc.....	726,000	696,660	633,750
2. Cotton production, breeding, disease, and quality investigations.....	428,500	425,950	378,960
3. Fiber plants other than cotton.....	65,800	65,550	61,596
4. Forage crop production, breeding, disease, and quality investigations:			
(a) Alfalfa.....	108,730	68,490	61,330
(b) Clover.....	49,900	29,770	26,640
(c) Soybeans.....	76,270	76,160	33,050
(d) Lespedeza, cowpeas, and miscellaneous legumes.....	45,140	39,010	34,330
(e) Hay and pasture grass.....	188,440	187,810	155,750
(f) Turf.....	8,320	8,280	6,530
Total, forage crop production, etc.....	476,800	409,520	317,650
5. Rubber production, breeding, and disease investigations.....	150,100	32,330	29,780
6. Sugar-plant production, breeding, disease, and quality investigations:			
(a) Sugar beets.....	242,620	214,460	192,340
(b) Sugarcane.....	136,850	135,660	121,780
(c) Sugar sorghum.....	46,280	45,970	40,900
Total, sugar-plant production, etc.....	425,750	396,090	355,020
7. Tobacco production, breeding, disease, and quality investigations.....	161,850	161,120	147,100
8. Food, feed, and forage crop investigations in Alaska.....	12,500		
9. Repair and reconditioning of physical facilities at field stations and laboratories.....	71,400		
10. Services performed for other agencies.....	1,600	9,600	3,922
11. Overtime pay.....		36,680	253,945
Grand total obligations.....	2,520,300	2,233,500	2,181,753
Adjustments (see objects schedule for detail).....	-1,600	-249,600	-2,181,753
Total estimate or appropriation.....	2,518,700	1,983,900	

Fruit, vegetable, and specialty crops: For investigations on the production, improvement, and diseases of fruit, vegetable, nut, ornamental, drug, condiment, oil, insecticide, and related crops and plants, [\$1,572,000] \$2,061,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$2,061,000

Appropriated 1946, \$1,572,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL			
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Assistant chief of bureau.....	0.9 \$6,865	0.9 \$6,865	0.9 \$6,062
Grade 6. Range \$6,230 to \$7,070:			
Research writer.....	1 6,440	1 6,440	1 5,600
Grade 5. Range \$5,180 to \$6,020:			
Assistant to chief of bureau.....	1 5,390	1 5,228	0.8 3,450
Horticulturist.....	1 6,020	1 5,964	1 5,200
Mycologist.....	1 6,020	1 6,020	1 5,400
Pathologist.....	1 5,810	1 5,753	1 5,000
Grade 4. Range \$4,300 to \$5,180:			
Editor.....	1 4,520	1 4,359	0.9 3,008
Mycologist.....	1 4,300	0.5 2,150	0.2 600
Pathologist.....		0.1 91	0.1 350
Specialist in plant preservation.....			0.2 680
Grade 3. Range \$3,640 to \$4,300:			
Horticulturist.....	1 4,300	1 4,300	1 3,775
Mycologist.....	0.5 1,875	0.5 1,875	0.5 1,600
Scientific editor.....			0.2 729
Grade 2. Range \$2,980 to \$3,640:			
Grade 1. Range \$2,320 to \$2,980:			
Clerical, administrative, and fiscal service:			
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer.....	1 4,520	1 4,520	1 3,800
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	2 7,720	2 7,614	1.8 5,992
Grade 7. Range \$2,980 to \$3,640:	2.5 7,890	2.5 7,450	2.3 5,850
Grade 6. Range \$2,650 to \$3,310:	1 3,310	1 3,310	1 2,900
Grade 5. Range \$2,320 to \$2,980:	4.5 12,090	4.5 10,440	4.1 9,530

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL—con.			
Clerical, administrative, and fiscal service—Continued:			
Grade 4. Range \$2,100 to \$2,496.....	5 \$10,963	4.9 \$10,559	5.5 \$11,636
Grade 3. Range \$1,902 to \$2,298.....	3 6,102	3 5,706	3 5,346
Grade 2. Range \$1,704 to \$2,100.....	1.5 2,622	1.5 2,556	1.3 1,933
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902.....	2 3,606	2 3,606	2 3,000
Total permanent, departmental.....	33.4 114,613	32.9 108,959	32 94,424
Temporary employment, departmental.....	1.5 2,468	1.8 3,187	1.7 2,985
W. A. E. employment, departmental.....			0.2 223
Overtime pay, departmental.....		2,710	17,141
All personal services, departmental.....	34.9 117,081	34.7 114,856	33.9 114,773
PERSONAL SERVICES, FIELD			
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Head of division.....	1 7,700	1 7,634	1 6,750
Pathologist.....		0.3 1,932	0.5 3,250
Grade 6. Range \$6,230 to \$7,070:			
Geneticist.....	1 6,230	1 6,230	0.4 2,100
Horticulturist.....	4 27,860	4 27,755	5 30,200
Nematologist.....	1 6,860	1 6,808	1 6,000
Olericulturist.....	1 7,070	1 7,070	1 6,400
Pathologist.....	2 13,090	2 13,090	2.7 15,265
Physiologist.....	2 13,510	2 13,405	1.3 8,000
Pomologist.....	2 13,300	2 13,248	2 11,600
Grade 5. Range \$5,180 to \$6,020:			
Agronomist.....	0.5 2,800	0.5 2,695	0.5 2,300
Biochemist.....	2 11,830	2 11,830	2 10,200
Geneticist.....			0.7 3,250
Horticulturist.....	5.9 33,500	5 28,630	4.4 22,125
Olericulturist.....	0.5 2,695	0.5 2,695	
Pathologist.....	12.9 71,860	12 67,043	11.3 54,883
Physiologist.....	6 33,180	6.2 34,050	6 28,749
Pomologist.....	5 28,000	5 27,907	5 24,199
Transportation engineer.....	0.9 4,660		
Grade 4. Range \$4,300 to \$5,180:			
Agronomist.....	1 4,300	1 4,300	0.4 1,583
Biochemist.....	2 9,260	2 9,209	2 7,800
Geneticist.....	1 4,960	1 4,795	1 4,150
Horticulturist.....	9.7 46,110	9 42,809	9.7 39,174
Pathologist.....	15.3 73,270	13.7 65,659	14.4 58,757
Physiologist.....	11 53,460	11 53,010	10.5 42,946
Pomologist.....	5.8 26,898	5.8 26,898	4.3 17,012
Soil scientist.....	0.3 1,488	0.3 1,488	
Soil technologist.....	2 8,600	2 8,583	0.4 1,425
Grade 3. Range \$3,640 to \$4,300:			
Biochemist.....	5 19,740	4.8 19,046	4 13,625
Chemist.....	0.5 1,985	0.5 1,985	0.8 2,398
Cytologist.....	3 12,879	3 12,879	3 10,350
Floriculturist.....	1 4,080	1 4,080	1 3,462
Geneticist.....	2.7 10,160	2 7,547	1.5 4,633
Horticulturist.....	6.8 27,860	6 24,419	5.7 20,194
Nematologist.....	1 4,190	1 4,160	1 3,575
Pathologist.....	12.5 49,600	11 43,536	10.3 35,667
Physiologist.....	7.4 28,890	6.7 26,306	6.5 21,685
Plant breeder.....	1 3,681	1 3,681	1 3,100
Plant pathologist.....	3 11,250	3 11,126	2 6,000
Pomologist.....	6 24,704	6 24,649	7.3 25,684
Silviculturist.....	1.5 6,175	1.5 6,175	1.5 5,350
Soil technologist.....	3 12,240	3 12,213	4.7 16,212
Grade 2. Range \$2,980 to \$3,640:	37 119,446	30.7 100,323	36.4 100,110
Grade 1. Range \$2,320 to \$2,980:	9 22,860	9 22,719	8 17,872
Clerical, administrative, and fiscal service:			
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer.....	1 4,520	1 4,465	1 3,800
Grade 7. Range \$2,980 to \$3,640:	1 3,420	1 3,365	1 2,850
Grade 6. Range \$2,650 to \$3,310:	3 8,940	3 8,913	3 7,575
Grade 5. Range \$2,320 to \$2,980:	7.5 20,260	7.5 20,189	7.2 15,705
Grade 4. Range \$2,100 to \$2,496:	20.7 47,008	20.7 46,598	19.7 37,027
Grade 3. Range \$1,902 to \$2,298:	24.1 47,891	23.8 46,918	21.7 32,929
Grade 2. Range \$1,704 to \$2,100:	11 19,932	11 19,748	12.5 17,772
Grade 1. Range \$1,506 to \$1,902:	0.5 753	0.5 753	0.6 844
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640:	2.5 8,509	2.5 8,509	1.5 4,275
Grade 7. Range \$2,650 to \$3,310:	5.5 16,280	5.5 16,179	7 17,359
Grade 6. Range \$2,320 to \$2,980:	5.5 15,718	5.5 15,553	5.4 12,750
Grade 5. Range \$2,100 to \$2,496:	20.5 39,745	13.5 29,398	10.7 18,942
Grade 4. Range \$1,902 to \$2,298:	11.3 22,945	11.3 22,096	9.7 16,372
Grade 3. Range \$1,704 to \$2,100:	6 11,600	5.5 9,550	9.6 13,834
Grade 2. Range \$1,572 to \$1,968:	1.5 2,424	1.5 2,424	1.6 2,082
Crafts, protective, and custodial service:			
Grade 7. Range \$2,364 to \$2,870:			0.5 963
Grade 6. Range \$2,166 to \$2,562:			1 1,860
Grade 5. Range \$1,968 to \$2,364:	8 16,470	8 16,241	8.8 14,889
Grade 4. Range \$1,770 to \$2,166:	10.3 18,809	8.6 15,678	6.5 9,939
Grade 3. Range \$1,572 to \$1,902:	4 7,146	4.1 7,244	6.1 8,653
Grade 2. Range \$1,440 to \$1,770:	5.5 8,778	5.5 8,672	5.4 6,965
Unclassified.....	39.6 66,349	36.4 62,017	36.4 50,395
Total permanent, field.....	355.2 1,259,728	357.9 1,178,732	359.1 995,815
Temporary employment, field.....	23.2 37,512	18.7 29,464	16.2 24,514
Part-time employment, field.....	5 9,447	5 9,447	5.4 9,187
W. A. E. employment, field.....	18.8 29,627	18.8 29,627	19.2 26,044
Casual employment, field.....	69.8 104,770	29 38,370	35.3 49,401
Overtime pay, field.....		25,290	191,010
All personal services, field.....	502 1,441,084	429.4 1,310,930	435.2 1,295,971
Total, departmental and field.....	536.9 1,558,165	464.1 1,425,786	469.1 1,410,744



BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL  
ENGINEERING—Continued

Salaries and Expenses, Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES—continued</b>	<b>Man- Total years salary</b>	<b>Man- Total years salary</b>	<b>Man- Total years salary</b>
Deduct quarters and subsistence furnished-----	\$9,414	\$9,414	\$9,089
01 Personal services (net)-----	536.9 1,548,751	464.1 1,416,372	469.1 1,401,655
<b>OTHER OBLIGATIONS</b>			
02 Travel-----	49,700	34,600	32,196
03 Transportation of things-----	12,090	7,900	9,681
04 Communication services-----	6,100	4,650	4,616
05 Rents and utility services-----	17,320	16,500	17,234
07 Other contractual services-----	245,930	192,610	194,173
08 Supplies and materials-----	145,349	89,168	95,472
09 Equipment-----	36,560	27,200	19,414
10 Lands and structures-----	1,200		
Total other obligations-----	514,249	372,628	372,786
Grand total obligations-----	2,063,000	1,789,000	1,774,441
Reimbursements for services performed-- Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"-----	-2,000	-12,000	-21,855
Received by transfer from "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration"-----			+990
General administrative expenses-----			-70,852
Drug and related plants-----			-70,308
Dry-land agriculture-----			-29,145
Fruit and vegetable crops and diseases-- Irrigation agriculture-----			-1,463,877
Plant exploration, introduction, and surveys-----			-3,400
Covered into Treasury as miscellaneous receipts, Public Law 529-----			-136,418
Excess of obligations over appropriation due to Public Law 106-----		-205,000	+217
Estimated savings, unobligated balance-----			20,207
Total estimate or appropriation-----	2,061,000	1,572,000	
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Deciduous fruit investigations-----	\$423,220	\$396,520	\$326,200
2. Citrus, avocado, and other subtropical fruit investigations-----	155,910	127,710	115,790
3. Nut investigations-----	246,900	245,500	222,670
4. Vegetable investigations-----	381,870	379,430	356,940
5. Potato investigations-----	125,880	125,200	113,360
6. Investigations of plants for landscap- ing and ornamental purposes and farm windbreaks-----	130,270	93,540	71,690
7. Greenhouse experiments-----	82,410	82,200	71,360
8. Methods of handling, transportation, and storage, and market diseases of fruits and vegetables, investiga- tions of-----	275,170	221,990	200,420
9. Drug, oil, insecticide, tannin, flavor- ing, and related plant investigations-----	62,690	62,460	55,790
10. Hop production, breeding, disease, and quality investigations-----	11,680	11,650	11,200
11. Repair and reconditioning of physical facilities at field stations and labora- tories-----	165,060		
12. Services performed for other agencies-- Overtime pay-----	2,000	11,800 31,000	20,870 208,151
Grand total obligations-----	2,063,000	1,789,000	1,774,441
Adjustments (see objects schedule for de- tail)-----	-2,000	-217,000	-1,774,441
Total estimate or appropriation-----	2,061,000	1,572,000	

Forest diseases: For investigations of diseases of forest and shade trees and forest products, and methods for their control, **[\$252,700]** \$321,500. (*Act of May 5, 1945, Public Law 52.*)

Estimate 1947, \$321,500

Appropriated 1946, \$252,700

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL						
Professional service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief of bureau	0.1	\$572	0.1	\$572	0.1	\$562
Grade 6. Range \$6,230 to \$7,070:						
Pathologist in charge	1	6,650	1	6,650	1	5,800
Pathologist	2	13,300	2	13,300	1.8	11,507
Grade 5. Range \$5,180 to \$6,020:						
Pathologist	1	6,020	1	6,020	1	5,400
Grade 4. Range \$4,300 to \$5,180:						
Pathologist	1	4,520	1	4,404	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Mycologist	0.5	1,875	0.5	1,875	0.5	1,600
Pathologist	2	7,940	2	7,911	2	6,775
Grade 2. Range \$2,980 to \$3,640:						
Pathologist	1.5	4,690	1.5	4,660	1	2,675
Grade 1. Range \$2,320 to \$2,980:						
Clerical, administrative, and fiscal service:	1	2,540	1	2,456	0.9	1,875
Grade 7. Range \$2,980 to \$3,640:						
Pathologist	1	3,530	1	3,500	1.3	3,950
Grade 5. Range \$2,320 to \$2,980:						
Pathologist	2	4,970	2	4,846	1.2	2,408
Grade 4. Range \$2,100 to \$2,496:						
Pathologist	8.5	19,896	8.5	19,659	9.4	18,106
Grade 3. Range \$1,902 to \$2,298:						
Pathologist	2	4,266	2	4,266	2	3,540
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
Pathologist	1	1,704	1	1,704	1	1,380
Total permanent, departmental	24.6	82,473	24.6	81,823	24.2	69,378
Temporary employment, departmental	4	7,200	4	7,200	2.2	2,495
W. A. E. employment, departmental	0.7	1,890	0.7	1,890	0.7	1,290
Overtime pay, departmental				1,960		12,855
All personal services, departmental	29.3	91,563	29.3	92,873	27.1	86,018
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Pathologist	2.8	15,970	2	11,763	1.8	14,300
Grade 4. Range \$4,300 to \$5,180:						
Pathologist	12	56,220	12	55,722	9.8	39,458
Grade 3. Range \$3,640 to \$4,300:						
Pathologist	11.5	44,280	9.5	36,734	9.6	31,925
Grade 2. Range \$2,980 to \$3,640:						
Pathologist	4.1	12,770	2.5	7,902	2.3	6,412
Grade 1. Range \$2,320 to \$2,980:						
Pathologist	1	2,320	1	2,320	0.3	700
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496:						
Pathologist	0.8	1,680			0.1	50
Grade 3. Range \$1,902 to \$2,298:						
Pathologist	1	1,902	0.8	1,463	0.2	247
Grade 2. Range \$1,704 to \$2,100:						
Pathologist	1	1,968	1	1,925	1	1,500
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496:						
Pathologist	2.7	6,066	1	2,496	1	2,100
Grade 4. Range \$1,902 to \$2,298:						
Pathologist	1.8	3,620	1	2,100	1	1,620
Unclassified	1	2,600	1	2,600	1	2,600
Total permanent, field	39.7	149,396	31.8	125,025	28.1	100,912
Temporary employment, field	4.5	9,100	3.7	7,500	2.3	4,898
W. A. E. employment, field	2.6	4,016	2.9	4,532	1.7	2,449
Casual employment, field	3.1	4,400	3.8	5,380	3.5	4,016
Overtime pay, field				2,470		18,408
All personal services, field	49.9	166,912	42.2	144,907	35.6	130,683
Total, departmental and field	79.2	258,475	71.5	237,780	62.7	216,701
Deduct quarters and subsistence furnished		420		420		420
01 Personal services (net)	79.2	258,055	71.5	237,360	62.7	216,281
OTHER OBLIGATIONS						
02 Travel		13,950		10,980		10,003
03 Transportation of things		3,000		2,600		2,592
04 Communication services		1,050		800		722
05 Rents and utility services		5,200		4,900		3,928
07 Other contractual services		22,020		21,110		20,591
08 Supplies and materials		12,635		9,830		9,168
09 Equipment		5,590		2,700		2,334
Total other obligations		63,445		52,920		49,338
Grand total obligations		321,500		290,280		265,619
Reimbursements for services performed				—6,080		—941
Received by transfer from "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," general administrative expenses						—10,700
Net total obligations		321,500		284,200		253,978
Covered into Treasury as miscellaneous receipts, Public Law 529						+28
Excess of obligations over appropriation due to Public Law 106				—31,500		
Estimated savings, unobligated balance						1,294
Total estimate or appropriation		321,500		252,700		255,300

Soils, fertilizers, and irrigation: For investigations of soil management methods to increase and maintain productivity, including fertilization, liming, crop rotations, tillage practices, and other



means of improving soils; fertilizers, fertilizer ingredients, and their improvement for agricultural use; soil management and crop production on dry and irrigated lands, and the quality of irrigation water and its use by crops; and for the classification of soils in a national system and indication of their extent and distribution on maps, and determination of their potential productivity under adapted cropping and improved soil management; [\$913,000] \$1,505,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,505,000

Appropriated 1946, \$913,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief of bureau	1	\$7,437	1	\$7,437	1	\$6,562
Head of division	1	7,700	1	7,559	1	6,750
Grade 6. Range \$6,230 to \$7,070:						
Soil scientist	2	13,510	3	19,740	2	11,769
Grade 5. Range \$5,180 to \$6,020:						
Cartographer	1	5,390	1	5,374	1	4,600
Grade 4. Range \$4,300 to \$5,180:						
Cartographer			1	4,300	0.1	53
Editor	1	4,740	1	4,571	0.8	3,000
Soil scientist	2	8,820	2.1	9,647	1.4	5,267
Grade 3. Range \$3,640 to \$4,300:						
Cartographer	2	7,610	2	7,420	1.1	3,358
Editor					0.3	950
Grade 2. Range \$2,980 to \$3,640:						
Editor	1	3,200	1	3,141	0.1	325
Grade 1. Range \$2,320 to \$2,980:						
Editor	1	2,430	1	2,413	0.9	1,591
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	1	3,970	1	3,940	1	3,375
Grade 7. Range \$2,980 to \$3,640:						
Administrative assistant	1	3,200	1	3,200	1	2,700
Grade 6. Range \$2,650 to \$3,310:						
Administrative assistant	1	3,310	1	3,310	1	2,875
Grade 5. Range \$2,320 to \$2,980:						
Administrative assistant	4.8	12,790	4	10,736	4.5	10,059
Grade 4. Range \$2,100 to \$2,496:						
Administrative assistant	9.6	21,018	7.7	17,097	6.8	12,668
Grade 3. Range \$1,902 to \$2,298:						
Administrative assistant	10	19,717	7.1	14,348	7	11,541
Grade 2. Range \$1,704 to \$2,100:						
Administrative assistant	4	7,410	4	7,357	3.1	4,653
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Administrative assistant	4	11,370	4	11,070	1	2,537
Grade 7. Range \$2,650 to \$3,310:						
Administrative assistant	5	12,040	2	4,911	3.6	8,316
Grade 6. Range \$2,320 to \$2,980:						
Administrative assistant	7	15,756	5	11,505	2.2	4,367
Grade 5. Range \$2,100 to \$2,496:						
Administrative assistant	6	11,478	1	1,917	4.5	8,177
Grade 4. Range \$1,902 to \$2,298:						
Administrative assistant					0.3	405
Grade 3. Range \$1,704 to \$2,100:						
Administrative assistant					0.6	803
Total permanent, departmental	65.4	182,896	51.9	160,993	46.3	116,701
Temporary employment, departmental	1.7	2,930	1.8	3,263	2.5	4,906
Overtime pay, departmental				3,800		22,134
All personal services, departmental	67.1	185,826	53.7	168,056	48.8	143,741
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Soil scientist			0.5	3,587		
Grade 6. Range \$6,230 to \$7,070:						
Agriculturist	1	7,070	1	7,070	1	6,200
Agronomist	1.7	10,590	1.7	10,590	2.7	16,065
Chemist	3	19,320	3	19,250	2.8	16,433
Soil scientist	5	31,990	3.8	24,289	4.8	26,832
Grade 5. Range \$5,180 to \$6,020:						
Agronomist	1.7	9,646	1.7	9,576	2.9	15,083
Bacteriologist	1	6,020	1	6,020	1	5,200
Chemist	7	39,620	7	39,234	6.6	33,415
Soil scientist	2.2	11,770	1	5,390	0.3	1,150
Grade 4. Range \$4,300 to \$5,180:						
Agronomist	5.4	25,270	5.4	24,940	4.2	16,700
Bacteriologist	1	4,300	0.4	1,720	0.6	2,683
Chemist	8.3	38,110	7.4	33,585	8.1	27,365
Drainage engineer	0.7	3,010	0.7	3,010	0.7	3,117
Mechanical engineer	1	4,740	1	4,740	1	4,100
Nematologist	0.7	3,010	0.7	3,010		
Pathologist	1.4	6,020	1.4	6,020		
Physicist	1	5,180	1	5,180	1	4,400
Soil physicist	0.7	3,010	0.7	3,010		
Soil scientist	10	45,380	2.7	11,907	2.8	10,658
Soil technologist	1	4,520	0.7	3,010		
Grade 3. Range \$3,640 to \$4,300:						
Agronomist	18.4	77,193	18.4	77,026	19	69,187
Bacteriologist	1	3,750	1	3,658	0.2	507
Cartographer	4.5	16,380				
Chemist	11	43,780	11	43,392	10.1	34,672
Editor	1	3,640				
Engineer	2	8,270	2	8,220	1	3,800
Horticulturist	0.7	2,548	0.7	2,548		
Mechanical engineer					1	3,300
Physicist	2	7,720	2	7,610	1	3,400
Soil scientist	13.6	49,476	5.8	20,783	7.1	21,357
Soil technologist	1	4,190				
Grade 2. Range \$2,980 to \$3,640:						
Soil scientist	32	101,520	16.8	55,534	18.2	48,861
Grade 1. Range \$2,320 to \$2,980:						
Soil scientist	26.5	63,800	7.9	20,375	8.2	17,553
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	1	3,750	1	3,649	0.1	267
Grade 7. Range \$2,980 to \$3,640:						
Administrative assistant	1	3,090	1	2,989	2	5,275
Grade 6. Range \$2,650 to \$3,310:						
Administrative assistant	2	6,070	2	5,956	1	2,375
Grade 5. Range \$2,320 to \$2,980:						
Administrative assistant	3.9	9,820	3	7,629	4.7	9,783
Grade 4. Range \$2,100 to \$2,496:						
Administrative assistant	8	17,196	6.4	13,770	3.9	6,954
Grade 3. Range \$1,902 to \$2,298:						
Administrative assistant	12.7	24,967	8	15,874	6.8	10,850
Grade 2. Range \$1,704 to \$2,100:						
Administrative assistant	10.1	17,902	8.3	14,718	5.1	7,574
Grade 1. Range \$1,506 to \$1,902:						
Administrative assistant	2.7	4,462	2.7	4,462	0.2	268

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, FIELD—continued</b>						
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:	3.6	\$11,390	1	\$3,640	1	\$3,200
Grade 7. Range \$2,650 to \$3,310:	12	33,020	2	6,448	2	5,550
Grade 6. Range \$2,320 to \$2,980:	18	42,860	3	7,971	4.3	8,882
Grade 5. Range \$2,100 to \$2,496:	21.6	47,028	4.1	10,234	1.6	3,129
Grade 4. Range \$1,902 to \$2,298:	6.4	13,158	4	8,518	3.4	6,297
Grade 3. Range \$1,704 to \$2,100:	6.5	11,300	6.5	11,274	4.4	6,764
Grade 2. Range \$1,572 to \$1,968:	2	3,672	2	3,672	0.9	1,540
Grade 1. Range \$1,440 to \$1,836:					2	2,880
Crafts, protective, and custodial service:						
Grade 7. Range \$2,364 to \$2,870:	1	2,430	1	2,404	0.9	1,785
Grade 6. Range \$2,166 to \$2,562:	1	2,298	1	2,283	1.1	2,100
Grade 4. Range \$1,770 to \$2,166:	2	3,540	2	3,540	0.8	1,188
Grade 3. Range \$1,572 to \$1,902:	3.8	6,302	3.8	6,302	1	1,500
Grade 2. Range \$1,440 to \$1,770:	2	3,408	2	3,375	2	2,710
Unclassified	45.1	74,212	44.4	72,908	39.6	65,783
Total permanent, field	333.9	1,002,718	218.6	680,075	195.1	548,692
Temporary employment, field	4.7	7,444	4.7	7,444	2.8	3,445
W. A. E. employment, field	2.3	4,620	1.4	3,072	2.4	3,407
Casual employment, field	38.6	50,260	13.3	17,260	11.7	14,023
Overtime pay, field				15,600		106,055
Additional pay for foreign service, field		2,830				
All personal services, field	379.5	1,067,872	238	723,451	212	675,622
Total, departmental and field	446.6	1,253,698	291.7	891,507	260.8	819,363
Deduct quarters and subsistence furnished		6,210		6,210		6,429
01 Personal services (net)	446.6	1,247,488	291.7	885,297	260.8	812,934
<b>OTHER OBLIGATIONS</b>						
02 Travel		56,200		29,700		15,598
03 Transportation of things		4,500		2,200		1,801
04 Communication services		3,300		2,000		1,635
05 Rents and utility services		9,200		9,200		8,639
07 Other contractual services		81,960		71,000		62,292
08 Supplies and materials		72,012		55,873		34,431
09 Equipment		83,940		19,730		4,957
Total other obligations		311,112		189,703		129,353
Grand total obligations		1,558,600		1,075,000		942,287
Reimbursements for services performed		-53,600		-57,000		-61,626
Received by transfer from—						
“Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration”						
General administrative expenses						-29,413
Dry-land agriculture						-217,038
Irrigation agriculture						-141,600
Soil and fertilizer investigations						-346,791
Soil survey						-162,582
Covered into Treasury as miscellaneous receipts, Public Law 529						+85
Excess of obligations over appropriation due to Public Law 106				-105,000		
Estimated savings, unobligated balance						16,678
Total estimate or appropriation		1,505,000		913,000		
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Soil management and fertilization for crop production		\$157,710		\$157,200		\$139,315
2. Irrigation practice, drainage, and salinity control		273,600		272,950		123,050
3. Dry-land management		210,730		210,190		192,490
4. Soil classification for crop production		568,640		166,750		138,750
5. Fertilizer materials and improvement		194,320		193,210		170,320
6. Evaluation and management of soils for agricultural use in Alaska		50,000				
7. Repair and reconditioning of physical facilities at field stations		50,000				
8. Services performed for other agencies		53,600		54,600		50,173
9. Overtime pay				20,100		128,189
Grand total obligations		1,558,600		1,075,000		942,287
Adjustments (see objects schedule for detail)		-53,600		-162,000		-942,287
Total estimate or appropriation		1,505,000		913,000		

Agricultural engineering: For investigations involving the application of engineering principles to agriculture, including farm power and equipment, rural water supply and sanitation, and rural electrification; farm buildings and their appurtenances and buildings for processing and storing farm products, and the preparation and distribution of building plans and specifications; cotton ginning, and other engineering problems relating to the production, processing, transportation, and storage of agricultural products; [\$445,500] \$610,500. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$610,500

Appropriated 1946, \$445,500



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL  
ENGINEERING—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief of bureau.....	1	\$7,438	1	\$7,195	0.6	\$3,792
Grade 6. Range \$6,230 to \$7,070:						
Agricultural engineer.....	3	20,790	3	20,564	3	18,400
Grade 5. Range \$5,180 to \$6,020:						
Agricultural engineer.....	1.8	9,954	1.8	9,595	1.2	5,681
Research writer.....	1	6,020	1	6,020	1	5,400
Grade 4. Range \$4,300 to \$5,180:						
Agricultural engineer.....	0.5	2,590	0.5	2,480	0.5	2,200
Architectural engineer.....	1	4,520	1	4,520	1	4,161
Grade 3. Range \$3,640 to \$4,300:						
Agricultural engineer.....	1	3,640	1	3,640	0.2	533
Grade 2. Range \$2,980 to \$3,640:						
Clerical, administrative, and fiscal service:	1	3,200	1	3,200	1.3	3,737
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	1	3,970	1	3,970	0.3	897
Grade 7. Range \$2,980 to \$3,640:						
Clerical, administrative, and fiscal service:	2	6,290	2	6,290	1.3	3,350
Grade 5. Range \$2,320 to \$2,980:						
Clerical, administrative, and fiscal service:	3.7	9,244	3.7	9,167	3	6,700
Grade 4. Range \$2,100 to \$2,496:						
Clerical, administrative, and fiscal service:	10.6	22,842	10.6	22,518	7.4	13,480
Grade 3. Range \$1,902 to \$2,298:						
Clerical, administrative, and fiscal service:	3	6,102	3	6,005	4.5	6,963
Grade 2. Range \$1,704 to \$2,100:						
Clerical, administrative, and fiscal service:					0.8	1,097
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:					0.8	2,475
Grade 6. Range \$2,320 to \$2,980:					0.1	17
Total permanent, departmental.....	30.6	106,600	30.6	105,164	27	78,883
Temporary employment, departmental.....					1.8	3,243
W. A. E. employment, departmental.....					0.1	186
Overtime pay, departmental.....						2,200
All personal services, departmental.....	30.6	106,600	32.5	110,793	27.8	93,309
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Agricultural engineer.....	10.5	56,732	8.2	44,234	5.8	27,769
Mechanical engineer.....	1	6,020	1	6,020	1	5,400
Grade 4. Range \$4,300 to \$5,180:						
Agricultural engineer.....	9.7	45,172	8.1	37,107	5.5	21,258
Grade 3. Range \$3,640 to \$4,300:						
Agricultural engineer.....	13.3	49,742	10.1	38,002	6.8	22,721
Grade 2. Range \$2,980 to \$3,640:						
Agricultural engineer.....	9.6	29,270	6	21,182	4.7	12,292
Grade 1. Range \$2,320 to \$2,980:						
Agricultural engineer.....	2.6	6,030	0.5	1,160		
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496:						
Clerical, administrative, and fiscal service:	4.8	10,080	2.6	5,655	1	1,800
Grade 3. Range \$1,902 to \$2,298:						
Clerical, administrative, and fiscal service:	5.4	9,972	4.5	8,954	2.9	4,689
Grade 2. Range \$1,704 to \$2,100:						
Clerical, administrative, and fiscal service:	3	5,244	2	3,489	1	1,455
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Crafts, protective, and custodial service:	5	15,670	5	15,356	2.8	7,330
Grade 7. Range \$2,650 to \$3,310:						
Crafts, protective, and custodial service:	3.8	10,510	3	8,220	3.1	7,110
Grade 6. Range \$2,320 to \$2,980:						
Crafts, protective, and custodial service:	5	11,710	2.5	5,915	1.8	4,191
Grade 5. Range \$2,100 to \$2,496:						
Crafts, protective, and custodial service:	3.2	6,720			0.4	443
Grade 4. Range \$1,902 to \$2,298:						
Crafts, protective, and custodial service:	1	2,034	1	1,983	1.8	2,983
Grade 3. Range \$1,704 to \$2,100:						
Crafts, protective, and custodial service:	2	4,860	2	4,758	0.8	1,524
Grade 2. Range \$2,364 to \$2,870:						
Crafts, protective, and custodial service:	5	11,424	5	11,373	6.3	11,797
Grade 4. Range \$1,770 to \$2,166:						
Crafts, protective, and custodial service:	2	3,804	2	3,804	2.6	4,095
Grade 2. Range \$1,440 to \$1,770:						
Crafts, protective, and custodial service:	3	4,716	3	4,716	3	3,780
Unclassified.....	7	8,440	7	8,440	8.1	11,183
Total permanent, field.....	96.9	298,150	73.5	230,368	59.4	151,820
Temporary employment, field.....	3.2	5,040			0.8	920
W. A. E. employment, field.....	1.7	1,540	1	540	3	1,203
Casual employment, field.....	12.4	17,700	5.5	8,700	4	5,740
Overtime pay, field.....						30,110
Additional pay for foreign service, field.....		1,295				
All personal services, field.....	114.2	323,725	80	244,808	67.2	189,793
Total, departmental and field.....	144.8	430,325	112.5	355,601	95	283,102
Deduct quarters and subsistence furnished.....		828		828		731
01 Personal services (net).....	144.8	429,497	112.5	354,773	95	282,371
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		19,400		15,500		9,625
03 Transportation of things.....		4,100		3,500		3,922
04 Communication services.....		3,100		3,000		2,645
05 Rents and utility services.....		12,800		11,700		8,258
07 Other contractual services.....		38,722		23,517		21,559
08 Supplies and materials.....		52,956		39,310		35,044
09 Equipment.....		59,725		50,200		47,898
10 Lands and structures.....						54,563
Total other obligations.....		190,803		146,727		183,514
Grand total obligations.....		620,300		501,500		465,885

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Reimbursements for services performed.....	-\$9,800	-\$10,000	-\$13,282
Received by transfer from "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," general administrative expenses.....			-24,893
Net total obligations.....	610,500	491,500	427,710
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+72
Excess of obligations over appropriation due to Public Law 106.....		-46,000	
Estimated savings, unobligated balance.....			8,857
Total estimate or appropriation.....	610,500	445,500	436,639
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Farm mechanical equipment.....	\$240,830	\$165,820	\$160,290
2. Farm structures and related investigations.....	147,540	146,700	52,690
3. Mechanical processing of farm products.....	140,470	139,920	191,200
4. Utilization of electric power on farms.....	31,860	31,860	6,795
5. Investigations to develop agricultural engineering practices needed for agricultural development in Alaska.....	12,500		
6. Repair and reconditioning of physical facilities at field stations and laboratories.....	37,300		
7. Services performed for other agencies.....	9,800	9,800	11,526
8. Overtime pay.....		7,400	43,384
Grand total obligations.....	620,300	501,500	465,885
Adjustments (see objects schedule for detail).....	-9,800	-56,000	-29,246
Total estimate or appropriation.....	610,500	445,500	436,639

## Cereal crops and diseases—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," field crops: 1945, \$650,524.

## Cotton and other fiber crops and diseases—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," field crops: 1945, \$456,702.

## Drug and related plants—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," fruit, vegetable, and specialty crops: 1945, \$70,308.

## Dry-land agriculture—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration":			
Field crops.....			+\$11,380
Fruit, vegetable, and specialty crops.....			+29,145
Soils, fertilizers, and irrigation.....			+217,038
Total estimate or appropriation.....			257,563

## Forage crops and diseases—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," field crops: 1945, \$327,837.

## Fruit and vegetable crops and diseases—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," fruit, vegetable, and specialty crops: 1945, \$1,463,877.

## Irrigation agriculture—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration":			
Fruit, vegetable, and specialty crops.....			+\$3,400
Soils, fertilizers, and irrigation.....			+141,600
Total estimate or appropriation.....			145,000



## Plant exploration, introduction, and surveys—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration":			
Field crops.....			+\$162,495
Fruit, vegetable, and specialty crops.....			+136,418
Total estimate or appropriation.....			298,913

## Soil and fertilizer investigations—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," soils, fertilizers, and irrigation: 1945, \$346,791.

## Soil survey—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," soils, fertilizers, and irrigation: 1945, \$162,582.

## Sugar-plant investigations—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," field crops: 1945, \$370,000.

## Tobacco investigations—

Transferred to "Salaries and expenses, plant industry, soils, and agricultural engineering, Agricultural Research Administration," field crops: 1945, \$143,520.

## Plant Industry Experiment Farm—

Transferred to "Salaries and expenses, Office of Administrator, Agricultural Research Administration": 1945, \$56,976.

National Arboretum: For the maintenance and development of the National Arboretum established under the provisions of the Act entitled "An Act authorizing the Secretary of Agriculture to establish a National Arboretum, and for other purposes", approved March 4, 1927 (20 U. S. C. 191-194), including travel expenses of the advisory [counsel] council, [\$26,800] \$31,000, of which not to exceed \$2,500 may be expended for employment pursuant to the second sentence of section 706 (a) of the [Act of September 21, 1944 (Public Law 425)] Department of Agriculture Organic Act of 1944 (5 U. S. C. 574). (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$31,000

Appropriated 1946, \$26,800

By objects	Obligations			
	Estimate, 1947		Estimate, 1946	
	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>				
Professional service:				
Grade 6. Range \$6,230 to \$7,070:				
Head of division.....	0.1	\$500		
Grade 3. Range \$3,640 to \$4,300:				
Botanist.....	1	\$4,300	1	\$4,270
Clerical, administrative, and fiscal service:				
Grade 5. Range \$2,320 to \$2,980.....	0.2	383		
Grade 3. Range \$1,902 to \$2,298.....	0.5	951	0.5	951
Grade 2. Range \$1,704 to \$2,100.....			0.4	600
Subprofessional service:				
Grade 4. Range \$1,902 to \$2,298.....	1	2,232	1	2,232
Total permanent, departmental.....	2.5	7,483	2.5	7,453
W. A. E. employment, departmental.....	0.8	1,200	0.8	1,200
Overtime pay, departmental.....				210
All personal services, departmental.....	3.3	8,683	3.3	8,863
<b>PERSONAL SERVICES, FIELD</b>				
Crafts, protective, and custodial service:				
Grade 6. Range \$2,166 to \$2,562.....	1	2,232	1	2,232
Grade 4. Range \$1,770 to \$2,166.....	1	1,836	1	1,836
Grade 3. Range \$1,572 to \$1,902.....	6	10,455	6	10,389
Total permanent, field.....	8	14,523	8	14,457
Temporary employment, field.....	1.1	1,790	1.1	1,790
Overtime pay, field.....				490
Night-work differential, field.....		100		100
All personal services, field.....	9.1	16,413	9.1	16,337
Total, departmental and field.....	12.4	25,096	12.4	25,700
Deduct quarters and subsistence furnished.....		120		120
01 Personal services (net).....	12.4	24,976	12.4	25,580

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	\$20	\$20	\$10
03 Transportation of things.....	20	20	14
04 Communication services.....	80	80	74
05 Rents and utility services.....	100	100	97
07 Other contractual services.....	2,760	2,760	2,711
08 Supplies and materials.....	2,994	2,990	2,790
09 Equipment.....	50	50	48
Total other obligations.....	6,024	6,020	5,744
Grand total obligations.....	31,000	31,600	30,859
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+1
Excess of obligations over appropriation due to Public Law 106.....		-4,800	
Estimated savings, unobligated balance.....			640
Total estimate or appropriation.....	31,000	26,800	31,500

## Special Research Fund, Department of Agriculture (Bureau of Plant Industry, Soils, and Agricultural Engineering)—

By objects	Obligations			
	Estimate, 1947		Estimate, 1946	
	Man-years	Total salary	Man-years	Total salary
<b>Special research projects and regional laboratories</b>				
<b>PERSONAL SERVICES, DEPARTMENTAL</b>				
Professional service:				
Grade 5. Range \$5,180 to \$6,020:				
Pathologist.....	0.1	\$463	0.1	\$447
Physiologist.....	0.1	394	0.1	394
Total permanent, departmental.....	0.2	857	0.2	841
Overtime pay, departmental.....				15
All personal services, departmental.....	0.2	857	0.2	856
<b>PERSONAL SERVICES, FIELD</b>				
Professional service:				
Grade 6. Range \$6,230 to \$7,070:				
Agronomist.....	1	6,860	1	6,803
Geneticist.....	1	6,440	1	6,440
Scientist.....	1	6,230	1	6,436
Grade 5. Range \$5,180 to \$6,020:				
Agricultural engineer.....	0.3	1,508	0.3	1,508
Agronomist.....	1	5,390	1	5,390
Botanist.....	1	5,390	1	5,268
Chemist.....	1	5,390	1	5,390
Geneticist.....	0.8	4,380	0.8	4,380
Physiologist.....	0.8	3,985	0.8	3,985
Plant anatomist.....	1	5,600	1	5,600
Soil physicist.....	1	5,600	0.8	4,667
Grade 4. Range \$4,300 to \$5,180:				
Agricultural engineer.....	3	14,000	3	13,933
Agronomist.....	3	13,780	3	13,611
Cytologist.....	1	4,740	1	4,740
Geneticist.....	1	4,740	1	4,740
Irrigation drainage engineer.....	1	4,520	1	4,520
Mechanical engineer.....				
Pathologist.....	1	4,740	1	4,740
Physiologist.....	3	14,220	3	14,067
Grade 3. Range \$3,640 to \$4,300:				
Agricultural engineer.....	0.4	1,298	0.4	1,298
Agronomist.....	4.3	16,369	4.2	16,059
Biochemist.....	2.5	9,548	2.5	9,518
Chemist.....	1	3,750	1	3,670
Ecologist.....	1	3,640	1	3,606
Horticulturist.....	1	3,860	1	3,833
Irrigation drainage engineer.....				
Microbiologist.....				
Pathologist.....	2	7,610	2	7,610
Physiologist.....	2	7,610	2	7,610
Soil scientist.....	2	7,280	1.9	6,840
Soil technologist.....	1	3,750	1	3,742
Grade 2. Range \$2,980 to \$3,640.....	6.4	19,072	6.6	19,666
Grade 1. Range \$2,320 to \$2,980.....	4.2	9,743	3.9	8,856
Clerical, administrative, and fiscal service:				
Grade 5. Range \$2,320 to \$2,980.....	2	4,970	2	4,796
Grade 4. Range \$2,100 to \$2,496.....	5	10,544	5	10,513
Grade 3. Range \$1,902 to \$2,298.....	4	7,740	4	7,593
Grade 2. Range \$1,704 to \$2,100.....			0.1	65
Subprofessional service:				
Grade 8. Range \$2,980 to \$3,640.....	0.5	1,490	0.5	1,490
Grade 6. Range \$2,320 to \$2,980.....	3.5	9,012	3.5	8,963
Grade 5. Range \$2,100 to \$2,496.....	1.5	3,216	1.5	3,216
Grade 4. Range \$1,902 to \$2,298.....	7	13,710	7	13,641
Grade 3. Range \$1,704 to \$2,100.....	4	7,014	4	6,963
Crafts, protective, and custodial service:				
Grade 5. Range \$1,968 to \$2,364.....	2	4,200	2	4,183
Grade 4. Range \$1,770 to \$2,166.....	1	1,770	1	1,770
Grade 2. Range \$1,440 to \$1,770.....	1	1,572	1	1,572
Unclassified.....	18.2	32,328	18.2	32,310
Total permanent, field.....	100.4	308,609	100	305,601
Total permanent, field.....				102.1 265,518



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL  
ENGINEERING—ContinuedSpecial Research Fund, Department of Agriculture (Bureau of Plant  
Industry, Soils, and Agricultural Engineering)—Continued

By objects	Obligations					
	Estimate 1947		Estimate, 1946		Actual, 1945	
<i>Special research projects and regional laboratories—Continued</i>						
PERSONAL SERVICES, FIELD—continued	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Temporary employment, field.....	4	\$6,169	4	\$6,169	3.8	\$4,792
Part-time employment, field.....	0.5	1,200	0.5	1,200	0.5	1,200
W. A. E. employment, field.....	29.2	35,166	29.2	35,166	29.4	34,532
Overtime pay, field.....				7,071		51,639
All personal services, field.....	134.1	351,144	133.7	355,207	135.8	357,681
Total, departmental and field.....	134.3	352,001	133.9	356,063	136	358,585
Deduct quarters and subsistence furnished.....		1,330		1,330		1,508
01 Personal services (net).....	134.3	350,671	133.9	354,733	136	357,077
OTHER OBLIGATIONS						
02 Travel.....		12,930		12,930		7,889
03 Transportation of things.....		2,800		2,800		2,787
04 Communication services.....		1,200		1,200		1,204
05 Rents and utility services.....		8,640		8,640		8,632
06 Printing and binding.....		1,200		3,400		
07 Other contractual services.....		21,700		22,400		23,402
08 Supplies and materials.....		31,925		30,540		36,478
09 Equipment.....		11,000		12,780		13,040
Total other obligations.....		91,396		94,690		93,432
Grand total obligations.....		442,067		449,423		450,509
Allotted from "Special research fund, Department of Agriculture".....		-442,067		-449,423		-459,116
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+27
Estimated savings, unobligated balance.....						8,580
Total estimate or appropriation.....						
BY PROJECTS OR FUNCTIONS						
1. Special research laboratories.....		\$315,407		\$315,407		\$284,493
2. Special research projects.....		126,660		126,660		114,273
3. Overtime pay.....				7,356		51,743
Grand total obligations.....		442,067		449,423		450,509
Adjustments (see objects schedule for detail).....		-442,067		-449,423		-450,509
Total estimate or appropriation.....						

Salaries and Expenses, Soil Conservation Service (Bureau of Plant  
Industry, Soils, and Agricultural Engineering)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>For soil survey inspection</i>						
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Soil scientist					0.2	\$792
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980	2	\$5,410	2	\$5,410	2	4,511
Grade 3. Range \$1,902 to \$2,298	1	2,298	1	2,280	1	1,905
Grade 2. Range \$1,704 to \$2,100	0.2	390	0.2	390	0.9	1,224
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902	1	1,770	1	1,753	1	1,425
Total permanent, departmental	4.2	9,868	4.2	9,833	5.1	9,857
Overtime pay, departmental				280		2,095
All personal services, departmental	4.2	9,868	4.2	10,113	5.1	11,952
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Soil scientist					0.4	2,334
Grade 5. Range \$5,180 to \$6,020:						
Soil scientist	8.8	48,110	8.8	47,983	8.7	41,791
Grade 4. Range \$4,300 to \$5,180:						
Soil scientist	14	62,200	14	61,946	10.5	39,860

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>For soil survey inspection—Continued</i>						
PERSONAL SERVICES, FIELD—continued						
Professional service—Continued	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Grade 3. Range \$3,640 to \$4,300:						
Soil scientist.....					0.6	\$1,823
Grade 1. Range \$2,320 to \$2,980.....	1	\$2,430	1	\$2,430	0.9	1,950
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980.....	2	4,970	2	4,877	2	4,106
Grade 4. Range \$2,100 to \$2,496.....	3	6,564	3	6,564	2.5	4,560
Grade 3. Range \$1,902 to \$2,298.....	5	9,842	5	9,786	4.3	6,757
Grade 2. Range \$1,704 to \$2,100.....	1.7	2,950	1.7	2,914	2.3	3,348
Grade 1. Range \$1,506 to \$1,902.....					0.2	214
Subprofessional service:						
Grade 4. Range \$1,902 to \$2,298.....	1	1,902	1	1,829	0.3	473
Unclassified.....	1.9	5,135	1.9	5,135	2.1	6,069
Total permanent, field.....	38.4	144,103	38.4	143,464	34.8	113,285
W. A. E. employment, field.....	0.9	1,350	0.9	1,350	1.1	1,499
Casual employment, field.....	0.5	870	0.5	870	0.4	594
Overtime pay, field.....				2,320		18,085
All personal services, field.....	39.8	146,323	39.8	148,004	36.3	133,463
01 Personal services (net).....	44	156,191	44	158,117	41.4	145,415
OTHER OBLIGATIONS						
02 Travel.....		17,000		21,700		20,662
03 Transportation of things.....		400		500		338
04 Communication services.....		300		300		280
05 Rents and utility services.....		4,338		4,338		3,929
07 Other contractual services.....		5,371		5,445		5,749
08 Supplies and materials.....		2,000		2,000		1,667
09 Equipment.....		6,800		2,600		1,960
Total other obligations.....		36,209		36,883		34,585
Grand total obligations.....		192,400		195,000		180,000
Reimbursements for services performed.....						-686
Allotted from "Salaries and expenses, Soil Conservation Service," soil conservation operations.....		-192,400		-195,000		-186,568
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+15
Estimated savings, unobligated balance.....						7,239
Total estimate or appropriation.....						

Emergency Fund for the President, National Defense (Allotment  
to Agriculture) (Bureau of Plant Industry, Soils, and Agricultural  
Engineering)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Emergency plant-disease prevention</i>						
PERSONAL SERVICES, DEPARTMENTAL						
Professional service:	Man-	Total	Man-	Total	Man-	Total
Grade 6. Range \$6,230 to \$7,070:	years	salary	years	salary	years	salary
Pathologist			0.6	\$4,016	1	\$6,000
Grade 2. Range \$2,980 to \$3,640					1	2,600
Clerical, administrative, and fiscal service:						
Grade 6. Range \$2,650 to \$3,310			0.2	476	0.8	1,950
Grade 5. Range \$2,320 to \$2,980					0.3	650
Total permanent, departmental			0.8	4,492	3.1	11,200
Temporary employment, departmental			0.4	618	4	9,006
Overtime pay, departmental				188		3,504
All personal services, departmental			1.2	5,298	7.1	23,710
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Pathologist			0.2	830	1	4,600
Grade 4. Range \$4,300 to \$5,180:						
Pathologist					5.6	19,039
Total permanent, field			0.2	830	6.6	23,639
Temporary employment, field					21.2	75,552
Casual employment, field					0.3	399
Overtime pay, field				55		16,069
All personal services, field			0.2	885	28.1	115,659
01 Personal services (net)			1.4	6,183	35.2	139,369
OTHER OBLIGATIONS						
02 Travel				297		19,008
03 Transportation of things				11		80
04 Communication services				5		226
07 Other contractual services				504		5,854
08 Supplies and materials						6,098
09 Equipment						48
Total other obligations				817		31,314
Grand total obligations				7,000		170,683



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Emergency plant-disease prevention—Con.</i>			
1945 balance available in 1946.....		-\$7,000	+\$7,000
Received by transfer from "Emergency fund for the President, national defense".....			-177,683
Total estimate or appropriation.....			

### Rubber Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Development of rubber production in the Western Hemisphere</i>			
Prior year balance available in 1945.....			-\$100
1945 balance available in 1946.....		-\$100	+100
1946 balance available in 1947.....	-\$100	+100	
1947 balance available in 1948.....	+100		
Total estimate or appropriation.....			

### Emergency Rubber Project, Department of Agriculture (Bureau of Plant Industry, Soils, and Agricultural Engineering)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Investigations directed toward the production of rubber from guayule and other rubber-bearing plants</i>			
PERSONAL SERVICES, DEPARTMENTAL			
Professional service:	Man- years	Total salary	Man- years
Grade 6. Range \$6,230 to \$7,070:			Total salary
Agronomist.....	0.2	\$1,486	0.3 \$1,450
Grade 2. Range \$2,980 to \$3,640.....			0.4 1,075
Clerical, administrative, and fiscal service:			
Grade 7. Range \$2,980 to \$3,640.....	0.5	1,545	
Grade 3. Range \$1,902 to \$2,298.....	0.5	1,017	0.5 870
Total permanent, departmental.....	1.2	4,048	1.2 3,395
Overtime pay, departmental.....		90	1,157
All personal services, departmental.....	1.2	4,138	1.2 4,552
PERSONAL SERVICES, FIELD			
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Plant physiologist.....	1	7,438	1 6,625
Grade 6. Range \$6,230 to \$7,070:			
Geneticist.....			0.8 4,674
Physiologist.....			1 6,000
Grade 5. Range \$5,180 to \$6,020:			
Agronomist.....	0.3	1,800	1.5 7,050
Soil scientist.....			0.8 3,450
Grade 4. Range \$4,300 to \$5,180:			
Agronomist.....	1	4,300	0.1 534
Botanist.....			1 3,800
Chemist.....	1	4,300	1.7 6,492
Horticulturist.....			0.6 2,259
Pathologist.....	1	4,520	1 3,800
Rubber technologist.....			
Soil technologist.....			
Grade 3. Range \$3,640 to \$4,300:			
Agronomist.....	3	11,305	5.4 17,347
Botanist.....			1.1 3,703
Cytogeneticist.....			1.1 3,442
Geneticist.....	1	3,800	3.1 9,859
Horticulturist.....	1	4,053	1 3,475
Pathologist.....	1	3,770	1.1 3,713
Physiologist.....			2.4 8,076
Soil scientist.....			0.8 2,475
Soil technologist.....			1 3,200
Grade 2. Range \$2,980 to \$3,640.....	3	8,770	12 31,796
Grade 1. Range \$2,320 to \$2,980.....			0.6 1,098
Clerical, administrative, and fiscal service:			
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	1	3,778	1 3,225
Grade 5. Range \$2,320 to \$2,980.....	2	4,825	2.3 4,310
Grade 4. Range \$2,100 to \$2,496.....	3	6,380	3.3 5,619
Grade 3. Range \$1,902 to \$2,298.....	1	1,968	1.5 2,430
Grade 2. Range \$1,704 to \$2,100.....			0.3 477
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640.....			1.3 3,325
Grade 7. Range \$2,650 to \$3,310.....	3	8,253	2.8 6,308
Grade 6. Range \$2,320 to \$2,980.....	1	2,540	6.4 13,111
Grade 5. Range \$2,100 to \$2,496.....	1	2,183	1.4 2,579
Grade 4. Range \$1,902 to \$2,298.....			0.7 1,012
Grade 3. Range \$1,704 to \$2,100.....			1 1,293
Grade 2. Range \$1,572 to \$1,968.....			0.4 550

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Investigations directed toward the production of rubber from guayule and other rubber-bearing plants—Continued</i>			
PERSONAL SERVICES, FIELD—continued	Man- years	Total salary	Man- years
Unclassified.....		1 \$2,600	4.7 \$8,548
Total permanent, field.....	26.3	86,583	66.2 185,653
Temporary employment, field.....	0.4	881	17.6 31,551
W. A. E. employment, field.....	0.3	715	1.5 2,723
Casual employment, field.....	1	1,500	1.6 1,761
Overtime pay, field.....		1,960	40,988
All personal services, field.....	28	91,639	86.9 262,676
Total, departmental and field.....	29.2	95,777	88.1 267,228
Deduct quarters and subsistence furnished.....			595
Add cash allowance for quarters, heat, light, etc., incident to personal services (foreign service).....		600	725
01 Personal services (net).....	29.2	96,377	88.1 267,358
OTHER OBLIGATIONS			
02 Travel.....		3,000	2,908
03 Transportation of things.....		400	686
04 Communication services.....		150	305
05 Rents and utility services.....		78	607
06 Printing and binding.....		20	21
07 Other contractual services.....		1,300	2,056
08 Supplies and materials.....		1,815	3,612
09 Equipment.....		140	37
Total other obligations.....		6,903	10,232
Grand total obligations.....		103,280	277,590
Allotted from "Emergency rubber project, Department of Agriculture".....		-60,580	-251,372
Prior year balance available in 1945.....			-68,938
1945 balance available in 1946.....		-42,700	+42,700
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+20
Total estimate or appropriation.....			

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Production, culture, handling, soil requirements, and machinery investigations on emergency rubber crops:</i>			
Guayule.....		\$101,230	\$218,137
Cryptostegia.....			17,308
Overtime pay.....		2,050	42,145
Grand total obligations.....		103,280	277,590
Adjustments (see objects schedule for detail).....		-103,280	-277,590
Total estimate or appropriation.....			

### Working Funds, Agriculture, Bureau of Plant Industry, Soils, and Agricultural Engineering—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, FIELD	Man- years	Total salary	Man- years
Professional service:			Total salary
Grade 7. Range \$7,175 to \$8,225:			
Pathologist.....			0.5 \$3,250
Grade 6. Range \$6,230 to \$7,070:			
Chemist.....			0.2 467
Grade 5. Range \$5,180 to \$6,020:			
Agricultural engineer.....			0.1 575
Grade 4. Range \$4,300 to \$5,180:			
Chemist.....			0.4 1,267
Physiologist.....			0.1 575
Grade 3. Range \$3,640 to \$4,300:			
Chemist.....			0.3 687
Clerical, administrative, and fiscal service:			
Grade 3. Range \$1,902 to \$2,298.....			0.1 203
Subprofessional service:			
Grade 7. Range \$2,650 to \$3,310.....			0.2 389
Grade 5. Range \$2,100 to \$2,496.....			0.5 885
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902.....			0.1 165
Unclassified:			
Laborer.....			0.3 360
Total permanent, field.....			2.8 8,823
Temporary employment, field.....			0.2 223
W. A. E. employment, field.....			0.5 490
Casual employment, field.....			0.9 961
Overtime pay, field.....			1,662
01 Personal services (net).....			4.4 12,159



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL  
ENGINEERING—ContinuedWorking Funds, Agriculture, Bureau of Plant Industry, Soils, and  
Agricultural Engineering—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS			
02 Travel.....			\$297
03 Transportation of things.....			78
04 Communication services.....			15
05 Rents and utility services.....			21
07 Contractual services.....			1,966
08 Supplies and materials.....			601
09 Equipment.....			554
Total other obligations.....			3,532
Grand total obligations.....			15,691
Advanced from State Department.....			-2,426
1943 balance available in 1945.....			-12,604
1944 balance available in 1945.....			-12,190
Estimated savings, unobligated balance.....			11,529
Total estimate or appropriation.....			

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
1. Investigations in food compression and packaging of dehydrated compressed food products (War Production Board).....			\$3,521
2. Investigations on ammonium nitrate as a fertilizer (War Production Board).....			4,705
3. Development of methods of properly caring for grain in storage (Commodity Credit Corporation).....			1,937
4. Cooperation with the Chinese Government in the study of agricultural problems (State Department).....			3,250
5. Investigations on effect of fungi on ordnance material and methods for control (War Department).....			616
6. Overtime pay.....			1,662
Grand total obligations.....			15,691
Adjustments (see objects schedule for detail).....			-15,691
Total estimate or appropriation.....			

Total, Bureau of Plant Industry, Soils, and Agricultural Engineering, annual appropriations, general account:

Estimate 1947, \$7,047,700

Appropriated 1946, \$5,193,900

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles and aircraft for the fiscal year ending June 30, 1947

## BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING

Appropriation	Vehicles (motor unless otherwise indicated) or aircraft to be purchased		Old vehicles or aircraft to be exchanged		Net cost of vehicles or aircraft to be purchased	Old vehicles or aircraft still to be used	Total maintenance, repair, and operation, all vehicles or aircraft	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses:								Automobiles used by technical workers, in localities where public transportation is inadequate or nonexistent, conducting field experiments with fruit trees, grains, cotton, vegetables, grasses, forage, fiber, and other plants and plant industries; soil management, fertilization, irrigation, and classification; farm equipment, mechanical processing of farm products, and related plant, soil, and agricultural engineering research.  Aircraft used in experiments to develop improved equipment and methods for applying insecticides and fungicides to control insect pests and crop diseases.
Field crops.....	7	\$7,350	6	\$1,800	\$5,550	48	\$7,000	
Fruit, vegetable, and specialty crops.....	10	10,500	10	3,000	7,500	44	7,200	
Forest diseases.....	3	3,150	2	600	2,550	12	1,900	
Soils, fertilizers, and irrigation.....	14	14,700	10	3,000	11,700	21	3,100	
Agricultural engineering.....	5	5,250	5	1,500	3,750	11	1,900	
Do.....						12	1,800	
Total, salaries and expenses.....	39	40,950	33	9,900	31,050	138	22,900	
Salaries and expenses, Soil Conservation Service (Bureau of Plant Industry, Soils, and Agricultural Engineering).....	8	8,400	4	1,200	7,200	6	1,800	
Total.....	47	49,350	37	11,100	38,250	144	24,700	

<sup>1</sup> Aircraft.

## BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

## SALARIES AND EXPENSES

## Salaries and Expenses, Entomology and Plant Quarantine, Agricultural Research Administration—

For expenses, independently or in cooperation with public or private agencies, including individuals, corporations, or foreign governments, necessary for investigations, experiments, demonstrations, and surveys for the promotion of economic entomology, for investigating and ascertaining the best means of destroying insects and related pests injurious to agriculture, for importing useful and beneficial insects and bacterial, fungal, and other diseases of insects and related pests, for investigating and ascertaining the best means of destroying insects affecting man and animals, and the best ways of utilizing beneficial insects, for carrying into effect the provisions of the Plant Quarantine Act of August 20, 1912, as amended (7 U. S. C. 151-167), the Honey Bee Act (7 U. S. C. 281-283), the Insect Pest Act (7 U. S. C. 141-144), the Mexican Border Act (7 U. S. C. 149) and the Department of Agriculture Organic Act of 1944 (Public Law 425) 7 U. S. C. 147a), authorizing the eradication, control, and prevention of spread of injurious insects and plant pests; including the operation and maintenance of airplanes and the purchase of not to exceed seven, and not to exceed \$544,493

\$625,560 for personal services in the District of Columbia, as follows: (5 U. S. C. 511-512—establishing the Department of Agriculture; 563-564. The foregoing citations apply to all appropriation items under the Bureau which are not based upon specific legislative authority either incorporated in the language of the item or cited immediately thereunder; 7 U. S. C. 145-148a, 148c-e; 16 U. S. C. 581c; Public Res. 47, approved May 21, 1928; Public Res. 42, approved Feb. 8, 1930; Act of May 5, 1945, Public Law 52.)

## General administrative expenses—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration":			
Insect investigations.....			+ \$65,370
Insect and plant disease control.....			+ 72,550
Foreign plant quarantines.....			+ 23,000
Total estimate or appropriation.....			160,920



## Fruit insects—

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$457,230.

## Japanese beetle control—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations.....			+\$13,500
Insect and plant disease control.....			+386,500
Total estimate or appropriation.....			400,000

## Sweetpotato weevil control—

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect and plant disease control: 1945, \$78,670.

## Mexican fruitfly control—

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect and plant disease control: 1945, \$169,820

## Gypsy and brown-tail moth control—

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect and plant disease control: 1945, \$409,320.

Insect investigations: For the investigation of insects affecting fruits, grapes, nuts, trees, shrubs, forests and forest products, truck and garden crops, cereal, forage and range crops, cotton, tobacco, sugar plants, ornamental and other plants and agricultural products, household possessions, and man and animals; for bee culture and apiary management; for classifying, identifying, and collecting information to determine the distribution and abundance of insects; for investigations in connection with introduction of natural enemies of injurious insects and related pests and for the exchange with other countries of useful and beneficial insects and other arthropods; for developing methods, equipment, and apparatus to aid in enforcing plant quarantines and in the eradication and control of insect pests and plant diseases; and for investigations of insecticides and fungicides, including methods of their manufacture and use and the effects of their application; [\$2,114,900] \$2,579,000. (7 U. S. C. 281-283; 16 U. S. C. 581-581c; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$2,579,000      Appropriated 1946, \$2,114,900

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Professional service:			
Grade 8. Range \$8,750 to \$9,800:			
Chief of bureau.....	1	\$9,205	1 \$9,205
Grade 7. Range \$7,175 to \$8,225:			
Assistant chief in charge of research activities.....	1	7,700	1 7,559
Grade 6. Range \$6,230 to \$7,070:			
Division leader, cereal and forage insects.....	1	7,070	1 6,957
Division leader, cotton insects.....	1	7,070	1 6,200
Division leader, foreign parasites and control investigations.....	1	7,070	1 7,014
Division leader, fruit insects.....	1	7,070	0.5 3,200
Division leader, insects affecting man and animals.....	1	6,650	1 6,650
Division leader, insect identification.....	1	7,070	1 6,200
Division leader, insect pest survey and information.....	1	6,439	1 6,310
Division leader, truck crop and garden insects.....	1	7,180	1 7,167
Grade 5. Range \$5,180 to \$6,020:			
Assistant division leader.....	7	40,040	7 39,741
Entomologist.....	3.1	17,926	3.1 17,708
Grade 4. Range \$4,300 to \$5,180:			
Division leader, editorial.....			0.8 3,450
Entomologist.....	6	28,650	6 28,167
Statistical consultant.....	1	4,740	1 4,681
Technical editor.....	1	4,300	1 4,300
Grade 3. Range \$3,640 to \$4,300:			
Entomologist.....	10	40,030	10 39,771
Technical editor.....	0.8	2,730	0.8 2,730
Grade 2. Range \$2,980 to \$3,640:			
Grade 1. Range \$2,320 to \$2,980:			
Clerical, administrative, and fiscal service:			
Grade 12. Range \$5,180 to \$6,020:			
Division leader, business and finance services.....	1	5,810	1 5,810

## By objects

## Obligations

## PERSONAL SERVICES, DEPARTMENTAL—con.

By objects	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service—Continued						
Grade 11. Range \$4,300 to \$5,180:						
Division leader, personnel.....	1	\$4,520	1	\$4,520	1	\$3,800
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	0.5	1,875	0.5	1,875	0.5	1,600
Grade 8. Range \$3,310 to \$3,970:						
Grade 7. Range \$2,980 to \$3,640:						
Grade 6. Range \$2,650 to \$3,310:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Grade 6. Range \$2,320 to \$2,980:						
Grade 5. Range \$2,100 to \$2,496:						
Grade 4. Range \$1,902 to \$2,298:						
Grade 3. Range \$1,704 to \$2,100:						
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
Total permanent, departmental.....	95.1	363,148	95.1	360,441	92.2	308,002
Temporary employment, departmental.....	0.3	426	0.3	426	0.4	774
W. A. E. employment, departmental.....					0.1	36
Overtime pay, departmental.....				7,200		52,106
All personal services, departmental.....	95.4	363,574	95.4	368,067	92.7	360,918

## PERSONAL SERVICES, FIELD

Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Chemist.....	1	6,650	1	6,650	1	5,850
Division leader, bee culture.....	1	7,070	1	7,070	1	6,400
Division leader, forest insects.....	1	7,070	1	7,070	1	6,400
Division leader, fruitfly investigations.....	1	7,070	1	7,070	1	6,400
Division leader, insecticide and fungicide investigations.....	1	7,070	1	7,070	1	6,200
Entomologist.....	2	13,930	2	13,768	2	12,150
Grade 5. Range \$5,180 to \$6,020:						
Apiculturist.....	3	16,170	2	10,740	1.5	7,142
Assistant division leader.....	3	17,010	3	17,010	2.7	13,213
Chemist.....	2.4	13,565	2.4	13,565	1.8	8,848
Entomologist.....	32.9	189,262	31.9	181,793	34.2	166,154
Grade 4. Range \$4,300 to \$5,180:						
Agricultural engineer.....						0.5 2,100
Apiculturist.....	5	23,700	4	19,282	4.4	18,616
Chemist.....	6	28,660	6	28,424	4.6	18,951
Entomologist.....	59.3	283,129	57.3	272,349	51.7	211,793
Pilot.....					0.3	1,108
Grade 3. Range \$3,640 to \$4,300:						
Airplane pilot.....	1	3,640	1	3,640	0.5	1,600
Apiculturist.....	6	22,720	4	15,410	4	13,175
Bacteriologist.....	1	3,860	1	3,860	1	3,300
Chemist.....	8	30,990	8	30,680	7.4	24,201
Entomologist.....	85.5	334,317	80	312,493	75	251,418
Microbiologist.....	1	3,640				
Plant quarantine inspector.....	1	4,190	1	4,118	0.7	2,035
Grade 2. Range \$2,980 to \$3,640:						
Grade 1. Range \$2,320 to \$2,980:						
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640:						
Grade 6. Range \$2,650 to \$3,310:						
Grade 5. Range \$2,320 to \$2,980:						
Grade 4. Range \$2,100 to \$2,496:						
Grade 3. Range \$1,902 to \$2,298:						
Grade 2. Range \$1,704 to \$2,100:						
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Grade 7. Range \$2,650 to \$3,310:						
Grade 6. Range \$2,320 to \$2,980:						
Grade 5. Range \$2,100 to \$2,496:						
Grade 4. Range \$1,902 to \$2,298:						
Grade 3. Range \$1,704 to \$2,100:						
Grade 2. Range \$1,572 to \$1,968:						
Grade 1. Range \$1,440 to \$1,836:						
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640:						
Grade 6. Range \$2,166 to \$2,562:						
Grade 5. Range \$1,968 to \$2,364:						
Grade 4. Range \$1,770 to \$2,166:						
Grade 3. Range \$1,572 to \$1,902:						
Grade 2. Range \$1,440 to \$1,770:						
Grade 1. Range \$864 to \$1,152:						
Unclassified.....	16.9	19,170	16.9	19,170	19.5	19,745
Total permanent, field.....	457.4	1,591,999	417.3	1,465,833	405.8	1,209,602
Temporary employment, field.....	35.3	60,025	27.3	44,195	27.8	34,137
W. A. E. employment, field.....	39.1	60,844	39.1	60,785	42.9	49,618
W. O. C. employment, field.....	3.8	0	3.8	0	2.1	0
Overtime pay, field.....				35,000		232,190
Additional pay for foreign service, field.....				3,700		4,080
All personal services, field.....	535.6	1,718,473	487.5	1,609,513	478.6	1,529,627
Total, departmental and field.....	631	2,082,047	582.9	1,977,580	571.3	1,890,545
Deduct quarters and subsistence furnished.....		120		120		60



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Entomology and Plant Quarantine, Agricultural Research Administration—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES—continued	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Add cash allowance for quarters, heat, light, etc., incident to personal services (foreign service).....		\$9,180		\$7,140		\$6,064
Living allowances (foreign service).....		3,980		3,000		1,760
01 Personal services (net).....	631		582.9		571.3	
		2,095,087		1,987,600		1,898,309
OTHER OBLIGATIONS						
02 Travel.....		110,475		87,800		78,552
03 Transportation of things.....		27,100		20,000		18,130
04 Communication services.....		13,377		11,800		11,323
05 Rents and utility services.....		59,200		54,500		52,403
07 Other contractual services.....		84,000		84,000		84,090
08 Supplies and materials.....		124,383		110,200		114,700
09 Equipment.....		67,378		31,000		27,119
10 Lands and structures.....		600		600		2,000
13 Refunds, awards, and indemnities.....		4,400		4,400		
Total other obligations.....		490,913		404,300		388,317
Grand total obligations.....		2,586,000		2,391,900		2,286,626
Reimbursements for services performed.....		-7,000		-7,000		-10,069
Received by transfer from "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration":						
General administrative expenses.....						-65,370
Fruit insects.....						-457,230
Japanese beetle control.....						-13,500
Forest insects.....						-227,000
Dutch elm disease control.....						-13,000
Truck crop and garden insects.....						-326,340
Cereal and forage insects.....						-403,370
Cotton insects.....						-163,730
Bee culture.....						-91,950
Insects affecting man and animals.....						-175,000
Insect-pest survey and identification.....						-145,000
Foreign parasites.....						-25,000
Control investigations.....						-76,485
Insecticide and fungicide investigations.....						-130,520
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+485
Excess of obligations over appropriation due to Public Law 106.....				-270,000		
Estimated savings, unobligated balance.....						36,453
Total estimate or appropriation.....		2,579,000		2,114,900		
By PROJECTS OR FUNCTIONS						
1. Fruit insects.....		\$493,000		\$456,400		\$400,011
2. Forest insects.....		288,900		287,000		215,853
3. Truck crop and garden insects.....		385,600		321,700		287,011
4. Cereal and forage insects.....		457,700		399,800		354,720
5. Cotton insects.....		160,800		159,600		142,401
6. Bee culture.....		149,500		91,100		84,921
7. Insects affecting man and animals.....		189,500		176,600		157,787
8. Insect-pest survey.....		7,700		7,600		6,617
9. Identification and classification of insects.....		138,100		136,800		120,593
10. Foreign parasites.....		33,300		33,100		29,804
11. Control investigations.....		135,800		134,700		72,573
12. Insecticide and fungicide investigations.....		139,100		138,200		121,432
13. Services performed for other agencies.....		7,000		7,000		8,607
14. Overtime pay.....				42,200		284,296
Grand total obligations.....		2,586,000		2,391,900		2,286,626
Adjustments (see objects schedule for detail).....		-7,000		-277,000		-2,286,626
Total estimate or appropriation.....		2,579,000		2,114,900		

Insect and plant disease control: For carrying out operations or measures to eradicate, suppress, control, or to prevent or retard the spread of Japanese beetle, sweetpotato weevil, Mexican fruit-flies, gypsy and brown-tail moths, Dutch elm disease, phony peach and peach mosaic, cereal rusts, and pink bollworm and *Thurberia weevil*, including the enforcement of quarantine regulations and cooperation with States to enforce plant quarantines as authorized by the Plant Quarantine Act of August 20, 1912, as amended (7 U. S. C. 151-167), and including the establishment of such cotton-free areas as may be necessary to stamp out any infestation of the

pink bollworm as authorized by the Act of February 8, 1930 (46 Stat. 67), and for the enforcement of domestic plant quarantines through inspection in transit, including the interception and disposition of materials found to have been transported interstate in violation of Federal plant quarantine laws or regulations, and operations under the Terminal Inspection Act (7 U. S. C. 166), **[\$2,298,300] \$2,945,000: Provided**, That no part of this appropriation shall be expended to pay the cost or value of trees, farm animals, farm crops, or other property injured or destroyed: *Provided further*, That, in the discretion of the Secretary, no part of this appropriation shall be expended for the control of sweetpotato weevil in any State until such State has provided cooperation necessary to accomplish this purpose, or for barberry eradication until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by States, counties, or local authorities, or by individuals or organizations for the accomplishment of this purpose: *Provided further*, That, in the discretion of the Secretary, no expenditures from this appropriation shall be made for applying methods of control of the Dutch elm disease in any State where measures for the removal and destruction of trees on non-Federal lands suffering from the Dutch elm disease are not in force, provided such removal and destruction are deemed essential or appropriate for the carrying on of the control program, nor until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by State, county, or local authorities, or by individuals, or organizations concerned: *Provided, however*, That expenditures incurred for removal of trees infected with Dutch elm disease from non-Federal lands shall not be considered a part of such appropriations, subscriptions, or contributions: *Provided further*, That no part of this appropriation shall be expended for the removal and destruction of trees infected with the Dutch elm disease except where such trees are located on property owned or controlled by the Government of the United States, or on property included within local experimental control areas. (7 U. S. C. 141-144, 147a; Public Res. 47, approved May 21, 1928; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$2,945,000

Appropriated 1946, \$2,298,300

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief in charge of control activities.....	1	\$7,437	1	\$7,437	0.5	\$3,337
Associate chief of bureau.....	1	8,225	1	8,225	1	7,500
Grade 6. Range \$6,230 to \$7,070:						
Division leader, domestic plant quarantines.....					0.3	1,600
Grade 5. Range \$5,180 to \$6,020:						
Assistant division leader.....	1	5,600	1	5,487	1.6	7,227
Pathologist.....	0.5	3,010	0.5	3,010	0.7	3,600
Grade 4. Range \$4,300 to \$5,180:						
Information specialist.....	1	4,300	1	4,300	1	3,800
Plant quarantine inspector.....	0.6	2,762	0.6	2,762	0.5	1,855
Grade 3. Range \$3,640 to \$4,300:						
Plant quarantine inspector.....					1.4	4,767
Technical editor.....	1	3,860	1	3,860	0.1	400
Grade 2. Range \$2,980 to \$3,640:						
Assistant division leader.....	1.1	3,090	1.1	3,031	1	2,975
Grade 1. Range \$2,320 to \$2,980:					1.3	3,175
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Assistant chief in charge of administration.....	1	7,700	1	7,700	1	6,750
Grade 10. Range \$3,970 to \$4,630:						
Assistant division leader, business and finance services.....	1	4,080	1	4,076	1	3,684
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....					0.1	137
Classification officer.....	1	3,860	1	3,860	1	3,300
Grade 8. Range \$3,310 to \$3,970:						
Assistant division leader.....	1	3,860	1	3,860	1.1	3,388
Grade 7. Range \$2,980 to \$3,640:						
Assistant division leader.....	3	9,710	3	9,680	1.2	3,091
Grade 6. Range \$2,650 to \$3,310:						
Assistant division leader.....	5	15,340	5	15,221	4.9	12,766
Grade 5. Range \$2,320 to \$2,980:						
Assistant division leader.....	10	26,940	10	26,565	8.7	19,257
Grade 4. Range \$2,100 to \$2,496:						
Assistant division leader.....	14.9	34,632	14.9	33,715	15.5	29,116
Grade 3. Range \$1,902 to \$2,298:						
Assistant division leader.....	2.7	5,254	2.7	5,254	6.9	12,253
Grade 2. Range \$1,704 to \$2,100:						
Assistant division leader.....	1	1,902	1	1,866	1.1	1,682
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
Assistant division leader.....	1	1,638	1	1,605	1	1,425
Total permanent, departmental.....	48.8	152,600	48.8	151,514	52.9	137,085
Temporary employment, departmental.....					0.4	657
Overtime pay, departmental.....				4,300		23,931
All personal services, departmental.....	48.8	152,600	48.8	155,814	53.3	161,673
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Division leader, gypsy and brown-tail moth control.....	1	6,440	1	6,440	1	5,650



By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, FIELD—continued	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service—Continued						
Grade 6. Range \$6,230 to \$7,070—Con.						
Division leader, Mexican fruitfly control	1	\$7,070	1	\$7,070	1	\$6,400
Division leader, pink bollworm and Thurberia weevil control	1	6,440	1	6,440	1	5,600
Grade 5. Range \$5,180 to \$6,020:						
Assistant division leader	3	17,220	3	17,220	3	15,000
Entomologist					1	4,600
Entomologist in charge of scouting and extermination work, gypsy and brown-tail moth control	1	6,020	1	6,020	1	5,200
Field leader	1	5,810	1	5,754	1	5,000
Plant quarantine inspector	3	16,356	3	16,284	3	14,100
Grade 4. Range \$4,300 to \$5,180:						
Acting project administrator	2	9,920	2	9,802	1	4,200
Agent	2	9,700	2	9,641	1.9	7,675
Assistant field leader	1	4,520	1	4,520	1	3,850
Entomologist	1	4,520	1	4,351	1.8	6,650
Equipment engineer					0.1	317
Pathologist	1	4,740	1	4,740	0.2	718
Plant quarantine inspector	13.7	65,180	12.7	60,357	12.6	51,722
Project administrator	2	10,140	2	10,081	2	8,600
Supervisor of airplane control and maintenance	1	4,520	1	4,520	0.7	2,691
Supervisor, Pennsylvania and New Jersey projects, gypsy and brown-tail moth control	1	4,520	1	4,520	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Acting project administrator	1	3,750	1	3,750	1	3,275
Agent	4.7	18,621	4.7	18,506	4.5	14,449
Airplane pilot	2.5	9,064	2.5	8,979	0.8	2,391
Assistant in charge, scouting and extermination work, moths	1	3,640	1	3,640	0.5	1,555
Assistant supervisor, Pennsylvania and New Jersey projects, moth control	2	7,610	2	7,521	1.5	4,866
District inspector	9.2	36,107	9.2	35,718	7.9	28,076
Entomologist	8.8	33,801	8.8	33,571	9	30,321
Equipment engineer	1	4,080	1	4,050	0.5	1,555
In charge, information and special assignments, gypsy and brown-tail moth control	1	4,190	1	4,160	1	3,575
Mechanical engineer	1	3,750	1	3,691		
Pathologist	3	11,800	3	11,732	3.4	12,201
Plant quarantine inspector	34.5		30.9		26.6	
		136,473		121,766		88,924
State leader	17	65,150	17	67,621	14.5	50,134
Sterilization supervisor	0.8	2,236	0.8	2,236	0.6	1,733
Grade 2. Range \$2,980 to \$3,640:	113	365,962	97	317,922	85.3	240,638
Grade 1. Range \$2,320 to \$2,980:	95.5		83		76.1	
		251,556		217,921		164,552
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer	1	7,070	1	6,957	1	6,200
Specialist in pink bollworm control	1	7,070	1	7,070	1	6,200
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer	4	22,400	4	22,174	3.5	16,950
Project administrator	1	6,020	1	5,858	1	5,150
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	4,290	1	4,290	1	3,591
Grade 10. Range \$3,970 to \$4,630:						
Assistant business manager	1	4,630	1	4,630	1	4,100
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	2	7,500	2	7,373	2.4	7,933
Assistant to administrative officer	2	7,720	2	7,661	0.5	1,600
Grade 8. Range \$3,310 to \$3,970:						
Administrative officer	1	3,750	1	3,750	1	3,200
Grade 7. Range \$2,980 to \$3,640:						
Administrative officer	3	10,150	3	10,120	4.1	10,727
Grade 6. Range \$2,650 to \$3,310:						
Administrative officer	3	9,060	3	8,860	3	7,425
Grade 5. Range \$2,320 to \$2,980:						
Administrative officer	15	38,980	15	38,484	12.6	28,089
Grade 4. Range \$2,100 to \$2,496:						
Administrative officer	24.2	55,051	24.2	54,695	23.1	43,922
Grade 3. Range \$1,902 to \$2,298:	34.8	71,832	34.8	71,166	31.9	55,377
Grade 2. Range \$1,704 to \$2,100:	11	19,536	11	19,319	12.7	18,283
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Administrative officer	3	9,930	3	9,900	6.6	18,817
Grade 7. Range \$2,650 to \$3,310:	36	101,180	31	86,628	23.3	46,414
Grade 6. Range \$2,320 to \$2,980:	14	33,690	13	31,171	19.5	42,276
Grade 5. Range \$2,100 to \$2,496:	51	109,608	48	102,854	53.8	99,804
Grade 4. Range \$1,902 to \$2,298:	3	5,904	3	5,853	6.5	9,000
Grade 3. Range \$1,704 to \$2,100:	3	5,112	3	5,112	0.9	1,266
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640:						
Administrative officer	3	9,160	3	9,122	1.7	4,659
Grade 9. Range \$2,650 to \$3,310:						
Administrative officer	2	5,740	2	5,710	1.7	3,128
Grade 8. Range \$2,540 to \$3,200:						
Administrative officer	4	10,380	4	10,321	1.7	3,783
Grade 7. Range \$2,364 to \$2,870:						
Administrative officer	6	14,712	6	14,553	5.8	12,302
Grade 6. Range \$2,166 to \$2,562:						
Administrative officer	9.7	21,780	7.7	17,424	10.1	19,356
Grade 5. Range \$1,968 to \$2,364:						
Administrative officer	4	8,400	4	8,400	4	6,960
Grade 4. Range \$1,770 to \$2,166:						
Administrative officer	13	24,726	13	24,726	10.5	16,770
Grade 3. Range \$1,572 to \$1,902:						
Administrative officer	0.5	756	0.5	756	0.5	645
Grade 2. Range \$1,440 to \$1,770:						
Administrative officer	1	1,486	1	1,486	2.4	2,938
Unclassified	23.1	17,443	23.1	17,443	20.3	14,839
Total permanent, field	613		568.9		536.6	
		1,798,996		1,664,410		1,321,722
Temporary employment, field	95.8		82.8		92	
		173,691		155,246		144,804
W. A. E. employment, field	133.6		73.6		74.7	
		170,236		114,576		107,719
W. O. C. employment, field	36		36		36.7	
		0		0		0
Overtime pay, field				49,000		308,455
All personal services, field	878.4		761.3		740	
		2,142,923		1,983,232		1,882,700
Total, departmental and field	927.2		810.1		793.3	
		2,295,523		2,139,046		2,044,373

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES—continued	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Deduct quarters and subsistence furnished						\$30
Add cash allowance for quarters, heat, light, etc., incident to personal service (foreign service)		\$2,720		\$2,720		2,845
Living allowances (foreign service)		334		334		84
01 Personal services (net)	927.2		810.1		793.3	
		2,298,577		2,142,100		2,047,272
OTHER OBLIGATIONS						
02 Travel		180,800		155,300		146,228
03 Transportation of things		13,500		11,000		10,749
04 Communication services		22,300		22,000		21,766
05 Rents and utility services		76,200		73,800		66,872
07 Other contractual services		45,500		41,400		63,946
08 Supplies and materials		206,985		130,000		157,322
09 Equipment		101,138		39,700		33,297
13 Refunds, awards, and indemnities						33,420
Total other obligations		646,423		473,200		533,600
Grand total obligations		2,945,000		2,615,300		2,580,872
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"						+1,560
Received by transfer from "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration"						
General administrative expenses						-72,550
Japanese beetle control						-386,500
Sweetpotato weevil control						-78,670
Mexican fruitfly control						-169,820
Gypsy and brown-tail moth control						-409,320
Dutch elm disease control						-287,000
Phony peach and peach mosaic eradication						-99,340
Barberry eradication						-233,470
Pink bollworm and Thurberia weevil control						-738,960
Transit inspection						-45,900
Foreign plant quarantines						-34,000
Covered into Treasury as miscellaneous receipts, Public Law 529						+977
Excess of obligations over appropriation due to Public Law 106						-317,000
Estimated savings, unobligated balance						22,121
Total estimate or appropriation		2,945,000		2,298,300		
By PROJECTS OR FUNCTIONS						
1. Japanese beetle control		\$390,000		\$336,800		\$337,118
2. Sweetpotato weevil control		100,000		77,900		68,804
3. Mexican fruitfly control		168,400		167,100		149,668
4. Inspection and certification for gypsy and brown-tail moth control		136,500		136,000		104,379
5. Gypsy and brown-tail moth control		404,800		306,300		254,614
6. Dutch elm disease control		285,500		284,200		251,238
7. Phony peach and peach mosaic eradication		128,700		128,500		89,364
8. Barberry eradication		284,200		282,800		249,926
9. Pink bollworm and Thurberia weevil control		994,500		740,200		698,052
10. Transit inspection		52,400		52,200		45,323
11. Overtime pay				53,300		332,386
Grand total obligations		2,945,000		2,615,300		2,580,872
Adjustments (see objects schedule for detail)						-317,000
Total estimate or appropriation		2,945,000		2,298,300		
Dutch elm disease control—						
By objects						
Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration"						
Insect investigations						+13,000
Insect and plant disease control						+287,000
Total estimate or appropriation						300,000
Phony peach and peach mosaic eradication—						
Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect and plant disease control: 1945, \$99,340.						



**AGRICULTURAL RESEARCH ADMINISTRATION—Continued**  
**BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE—Continued**  
**SALARIES AND EXPENSES—continued**

**Salaries and Expenses, Entomology and Plant Quarantine, Agricultural Research Administration—Continued**

**Barberry eradication—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect and plant disease control: 1945, \$283,470.

**Pink bollworm and Thurberia weevil control—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect and plant disease control: 1945, \$738,960.

**Transit inspection—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect and plant disease control: 1945, \$45,900.

**Forest insects—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$227,000.

**Truck crop and garden insects—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$326,340.

**Cereal and forage insects—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$403,370.

**Cotton insects—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$163,730.

**Bee culture—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$91,950.

**Insects affecting man and animals—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$175,000.

**Insect pest survey and identification—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$145,000.

**Foreign parasites—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$25,000.

**Control investigations—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$76,485.

**Insecticide and fungicide investigations—**

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect investigations: 1945, \$130,520.

Foreign plant quarantines: For operations against the introduction of insect pests or plant diseases into the United States, including the enforcement of foreign plant quarantines and regulations promulgated under sections 5 and 7 of the Plant Quarantine Act of August 20, 1912, as amended (7 U. S. C. 151-167), the Insect Pest Act of 1905 (7 U. S. C. 141-144), and the Mexican Border Act of 1942 (7 U. S. C. 149), for enforcement of domestic plant quarantines as they pertain to territories of the United States and enforcement of regulations governing the movement of plants into and from the District of Columbia promulgated under section 15 of the Plant Quarantine Act of August 20, 1912, as amended, and for inspection and certification of plants and plant products to meet the sanitary requirements of foreign countries, as authorized in section 102 of the Department of Agriculture Organic Act of 1944 (Public Law 425) 7 U. S. C. 147a), [\$1,027,000] \$1,177,000. (7 U. S. C. 281-282; Act of May 5, 1945, Public Law 52; Act of Dec. 28, 1945, Public Law 269.)

Estimate 1947, \$1,177,000      Appropriated 1946, \*\$1,214,500

\*Includes \$187,500 appropriated in the First Deficiency Appropriation Act, 1946.

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL						
Professional service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief in charge of regulatory activities	1	\$8,225	1	\$8,225	1	\$7,500
Grade 6. Range \$6,230 to \$7,070:						
Division leader, foreign plant quarantines	1	7,070	1	7,070	1	6,400
Grade 5. Range \$5,180 to \$6,020:						
Assistant division leader	2	10,780	2	10,780	1.2	5,566
Grade 4. Range \$4,300 to \$5,180:						
Entomologist	1	4,960	1	4,850	1	4,200
Pathologist	1	5,180	1	5,180	1	4,600
Grade 3. Range \$3,640 to \$4,300:						
Entomologist	1	3,970	1	3,970		
Plant quarantine inspector	1	4,080	1	4,050	1	3,474
Grade 2. Range \$2,980 to \$3,640:						
1	1	3,640	1	3,581	0.8	2,233
Grade 1. Range \$2,320 to \$2,980:						
1	1	2,430	1	2,430		
Clerical, administrative, and fiscal service:						
Grade 10. Range \$3,970 to \$4,630:						
Administrative assistant	1	4,630	1	4,630	1	4,100
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	1	3,860	1	3,860	2	6,625
Employment officer	1	3,970	1	3,885		
Grade 8. Range \$3,310 to \$3,970:						
1	1	3,420	1	3,420	1	2,900
Grade 7. Range \$2,980 to \$3,640:						
1	1	3,090	1	3,073	0.9	2,289
Grade 5. Range \$2,320 to \$2,980:						
3	3	7,620	3	7,556	2.4	5,216
Grade 4. Range \$2,100 to \$2,496:						
5.8	13,450	5.8	12,884	5.6	10,048	
Grade 3. Range \$1,902 to \$2,298:						
3.6	7,097	3.6	6,998	2.4	4,034	
Grade 2. Range \$1,704 to \$2,100:						
0.8	1,442	0.8	1,442	1	1,545	
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310:						
2	5,630	2	5,550	1.8	4,279	
Grade 6. Range \$2,320 to \$2,980:						
1	2,166	1	2,166	2.2	4,670	
Grade 5. Range \$2,100 to \$2,496:						
1					1	1,800
Grade 3. Range \$1,704 to \$2,100:						
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770:						
1	1,506	1	1,478	0.6	720	
Total permanent, departmental	32.2	108,216	32.2	107,078	28.9	82,199
Temporary employment, departmental					0.3	378
W. A. E. employment, departmental	0.6	1,170	0.6	1,170		
Overtime pay, departmental				2,800		14,613
All personal services, departmental	32.8	109,386	32.8	111,048	29.2	97,190
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Entomologist	1	6,020	1	6,020	1	5,400
Plant quarantine inspector	9	49,560	9	49,560	8.5	40,650
Grade 4. Range \$4,300 to \$5,180:						
Plant quarantine inspector	17	78,710	17	78,236	13.9	56,323
Grade 3. Range \$3,640 to \$4,300:						
Agent					0.2	425
Entomologist	1	4,080	1	4,080	1.9	7,125
Pathologist					1	3,800
Plant quarantine inspector	58	227,657	62.5	242,353	47.9	157,956
Grade 2. Range \$2,980 to \$3,640:						
122.9	393,199	167.7	523,066	86.7	241,515	
Grade 1. Range \$2,320 to \$2,980:						
1.7	3,955	1.7	3,866	2	5,204	
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	4,520	1	4,520	1	3,800
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	1	3,970	1	3,940	1	3,375
Grade 7. Range \$2,980 to \$3,640:						
4	12,807	4.5	14,225	1	2,700	
Grade 5. Range \$2,320 to \$2,980:						
8	21,093	8	21,021	6.7	14,660	
Grade 4. Range \$2,100 to \$2,496:						
17.3	37,959	17.5	38,122	13	24,316	
Grade 3. Range \$1,902 to \$2,298:						
11.3	22,016	12.3	23,721	3.6	6,351	
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980:						
5.1	13,272	5.1	13,030	3	6,550	
Grade 4. Range \$1,902 to \$2,298:						
5	9,840	5.5	10,673	3	4,725	
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640:						
0.9	2,769	0.9	2,769	0.5	1,375	
Grade 8. Range \$2,540 to \$3,200:						
1	2,760	1	2,760	1	2,300	
Grade 6. Range \$2,166 to \$2,562:						
2.7	6,270	2.7	6,270	2	3,780	
Grade 2. Range \$1,440 to \$1,770:						
1	1,572	1	1,521			
Unclassified	73	9,140	73	9,140	72	7,623
Total permanent, field	341.9	911,169	393.4	1,058,893	270.9	599,953
Temporary employment, field					0.7	1,080
W. A. E. employment, field					0.1	56
Overtime pay, field				95,600		122,858
Night-work differential, field		12,500		12,500		
Additional pay for foreign service, field		24,445		29,559		10,312
All personal services, field	341.9	948,114	393.4	1,196,552	271.7	734,259
01 Personal services (net)	374.7		426.2		300.9	831,449
		1,057,500		1,307,600		
OTHER OBLIGATIONS						
02 Travel		24,600		34,600		17,090
03 Transportation of things		15,500		25,500		7,527
04 Communication services		8,000		8,500		6,388
05 Rents and utility services		13,500		14,500		12,123
07 Other contractual services		10,300		14,300		7,598



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS—continued</b>			
08 Supplies and materials.....	\$11,000	\$12,000	\$11,101
Hydrocyanic acid.....	22,100	22,100	22,864
09 Equipment.....	14,500	15,400	2,824
Total other obligations.....	119,500	146,900	87,515
Grand total obligations.....	1,177,000	1,454,500	918,964
Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," insect and plant disease control.....			+34,000
Received by transfer from "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration".....			-23,000
General administrative expenses.....			-34,480
Certification of exports.....			
Net total obligations.....	1,177,000	1,454,500	895,484
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+128
Excess of obligations over appropriation due to Public Law 106.....		-240,000	
Estimated savings, unobligated balance.....			4,088
Total estimate or appropriation.....	1,177,000	1,214,500	899,700
<b>By PROJECTS OR FUNCTIONS</b>			
1. Import and permit service.....	\$28,500	\$28,400	\$26,023
2. Inspection at ports of entry of plants and plant products regulated by plant quarantines.....	1,112,500	1,291,700	725,704
3. Certification of exports of plants and plant products to meet sanitary requirements of foreign countries.....	36,000	36,000	29,766
4. Overtime pay.....		98,400	137,471
Grand total obligations.....	1,177,000	1,454,500	918,964
Adjustments (see objects schedule for detail).....		-240,000	-19,264
Total estimate or appropriation.....	1,177,000	1,214,500	899,700

## Certification of exports:

Transferred to "Salaries and expenses, entomology and plant quarantine, Agricultural Research Administration," foreign plant quarantines: 1945, \$34,480.

## Special Research Fund, Department of Agriculture (Bureau of Entomology and Plant Quarantine)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>Special entomological research</b>			
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:	Man- years	Total salary	Man- years
Grade 5. Range \$5,180 to \$6,020:			
Chemist.....			0.5 \$2,273
Grade 3. Range \$3,640 to \$4,300:			
Bacteriologist.....	0.3	\$1,476	0.3 \$1,476
Chemist.....	0.9	3,438	0.9 3,438
Microbiologist.....	0.5	1,930	0.5 1,930
Grade 2. Range \$2,980 to \$3,640.....	1	3,200	1 3,115
Subprofessional service:			
Grade 5. Range \$2,100 to \$2,496.....	1	2,166	1 2,111
Unclassified.....	2	2,520	2 2,520
Total permanent, field.....	5.7	14,730	5.7 14,590
W. A. E. employment, field.....			0.3 275
Overtime pay, field.....			600 2,543
01 Personal services (net).....	5.7	14,730	5.7 15,190
<b>OTHER OBLIGATIONS</b>			
02 Travel.....		250	250 139
03 Transportation of things.....		150	200 34
07 Other contractual services.....		2,100	2,100 3,990
08 Supplies and materials.....		3,993	4,083 1,628
09 Equipment.....		100	100 1,072
Total other obligations.....		6,593	6,733 6,863
Grand total obligations.....		21,323	21,923 22,039
Allotted from "Special research fund, Department of Agriculture".....	-21,323	-21,923	-23,400
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+1
Estimated savings, unobligated balance.....			1,360
Total estimate or appropriation.....			

## White Pine Blister Rust Control, Department of Agriculture (Bureau of Entomology and Plant Quarantine)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Professional service:	Man- years	Total salary	Man- years
Grade 6. Range \$6,230 to \$7,070:			
Division leader, plant disease control.....	1	\$6,440	1 \$6,440
Grade 3. Range \$3,640 to \$4,300:			
Plant quarantine inspector.....			0.5 1,632
Grade 2. Range \$2,980 to \$3,640.....			0.8 2,025
Clerical, administrative, and fiscal service:			
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	1	3,970	1 3,940
Grade 7. Range \$2,980 to \$3,640.....	1	3,200	1 3,200
Grade 5. Range \$2,320 to \$2,980.....	2	4,970	2 4,940
Grade 4. Range \$2,100 to \$2,496.....	11	24,684	11 24,556
Grade 3. Range \$1,902 to \$2,298.....	4	7,806	4 7,806
Grade 2. Range \$1,704 to \$2,100.....			0.5 725
Subprofessional service:			
Grade 5. Range \$2,100 to \$2,496.....	1	2,430	1 2,430
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902.....	1	1,572	1 1,572
Total permanent, departmental.....	22	55,072	22 54,884
Temporary employment, departmental.....	0.5	951	0.5 951
Overtime pay, departmental.....			1,900 7,060
All personal services, departmental.....	22.5	56,023	22.5 57,735
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Regional leader.....	4	23,870	4 23,532
Grade 4. Range \$4,300 to \$5,180:			
Assistant regional leader.....	3.8	16,675	3.8 16,616
Pathologist.....	1	5,180	1 5,062
Regional leader.....	1	4,514	1 4,342
Grade 3. Range \$3,640 to \$4,300:			
Area leader.....	3	12,120	3 12,073
Assistant to regional leader.....	1	4,080	1 4,050
Assistant to State leader.....	0.8	3,037	0.8 3,037
Field investigator.....	1	3,750	1 3,750
Forest ecologist.....	2	7,940	2 7,855
Operation supervisor.....	12.1	47,378	9.1 36,458
Plant quarantine inspector.....	0.5	1,825	0.5 1,825
State leader.....	9	37,040	9 36,920
Grade 2. Range \$2,980 to \$3,640.....	52.8	170,521	43.8 143,701
Grade 1. Range \$2,320 to \$2,980.....	0.4	910	0.4 910
Clerical, administrative, and fiscal service:			
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	4.8	17,980	4.8 17,823
Grade 7. Range \$2,980 to \$3,640.....	3.8	11,615	3.8 11,602
Grade 6. Range \$2,650 to \$3,310.....	2	5,630	2 5,515
Grade 4. Range \$2,100 to \$2,496.....	15	32,867	13 28,667
Grade 3. Range \$1,902 to \$2,298.....	19.2	35,476	14.3 26,166
Grade 2. Range \$1,704 to \$2,100.....	12.7	21,650	3.8 6,466
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640.....	42.5	113,107	4.5 12,407
Grade 6. Range \$2,320 to \$2,980.....	1.8	4,532	1.8 4,532
Grade 5. Range \$2,100 to \$2,496.....	67.8	142,561	3.8 8,161
Crafts, protective, and custodial service:			
Grade 7. Range \$2,364 to \$2,870.....	1.8	4,269	1.8 4,269
Grade 6. Range \$2,166 to \$2,562.....	1	2,232	1 2,196
Unclassified.....	1.5	1,840	1.5 1,840
Total permanent, field.....	266.3	732,599	136.5 429,775
Temporary employment, field.....	768		239 85.2
W. A. E. employment, field.....	734.3	1,227,483	231.2 382,653
W. O. C. employment, field.....	1	1,131,006	356,100 86.4
Overtime pay, field.....	8.5	0	0 112,342
All personal services, field.....	1,777.1	3,091,088	615.2 1,211,828
Total, departmental and field.....	1,799.6	3,147,111	637.7 1,269,563
Deduct quarters and subsistence furnished.....			315.1 731,522
01 Personal services (net).....	1,799.6	3,147,111	637.7 1,269,563
<b>OTHER OBLIGATIONS</b>			
02 Travel.....		76,600	36,600 20,820
03 Transportation of things.....		2,800	2,800 1,429
04 Communication services.....		4,700	4,700 4,034
05 Rents and utility services.....		18,700	18,700 17,025
07 Other contractual services.....		20,000	20,000 18,108
08 Supplies and materials.....		160,800	55,800 39,890
09 Equipment.....		323,400	93,400 1,185
Total other obligations.....		607,000	232,000 102,491
Grand total obligations.....		3,754,111	1,501,563 833,690
Received by transfer from "White pine blister rust control, Department of Agriculture".....	-3,754,111	-1,501,563	-840,953



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE—Continued

## White Pine Blister Rust Control, Department of Agriculture (Bureau of Entomology and Plant Quarantine)—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+\$170
Estimated savings, unobligated balance.....			7,093
Total estimate or appropriation.....			
BY PROJECTS OR FUNCTIONS			
1. Leadership, coordination, and technical direction of white pine blister rust control.....	\$644,200	\$573,920	\$443,274
2. Blister rust quarantine enforcement.....	11,500	11,500	9,814
3. Cooperative blister rust control on State and privately owned lands.....	3,098,411	870,943	255,018
4. Overtime pay.....		45,200	125,584
Grand total obligations.....	3,754,111	1,501,563	833,690
Adjustments (see objects schedule for detail).....	-3,754,111	-1,501,563	-833,690
Total estimate or appropriation.....			

## Emergency Rubber Project, Department of Agriculture (Bureau of Entomology and Plant Quarantine)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Entomological research and advice on guayule rubber.....			
PERSONAL SERVICES, FIELD			
Professional service:	Man-years	Total salary	Man-years
Grade 5. Range \$5,180 to \$6,020:			
Entomologist.....			0.6 \$2,683
Grade 3. Range \$3,640 to \$4,300:			
Entomologist.....	1	\$3,830	1.4 4,487
Clerical, administrative, and fiscal service:			
Grade 3. Range \$1,902 to \$2,298.....			0.3 750
Total permanent, field.....	1	3,830	2.3 7,920
Overtime pay, field.....		77	1,394
01 Personal services (net).....	1	3,907	2.3 9,314
OTHER OBLIGATIONS			
02 Travel.....		200	
07 Other contractual services.....		893	
Total other obligations.....		1,093	
Grand total obligations.....		5,000	9,314
Allotted from "Emergency rubber project, Department of Agriculture".....		-538	-5,458
Prior year balance available in 1945.....			-8,318
1945 balance available in 1946.....		-4,462	+4,462
Total estimate or appropriation.....			

## Emergency Fund for the President, National Defense (Allotment to Agriculture) (Bureau of Entomology and Plant Quarantine)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Emergency insect pest prevention.....			
PERSONAL SERVICES, DEPARTMENTAL			
Professional service:	Man-years	Total salary	Man-years
Grade 4. Range \$4,300 to \$5,180:			
Entomologist.....			0.8 \$3,172
Clerical, administrative, and fiscal service:			
Grade 4. Range \$2,100 to \$2,496.....			0.1 150
Grade 3. Range \$1,902 to \$2,298.....			0.7 1,040
Grade 2. Range \$1,704 to \$2,100.....			0.2 251
Total permanent, departmental.....			1.8 4,613
Overtime pay, departmental.....			828
All personal services, departmental.....			1.8 5,441

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Emergency insect pest prevention—Con.			
PERSONAL SERVICES, FIELD			
Professional service:	Man-years	Total salary	Man-years
Grade 5. Range \$5,180 to \$6,020:			
Plant quarantine inspector.....		0.2 \$933	
Grade 4. Range \$4,300 to \$5,180:			
Plant quarantine inspector.....			0.9 \$3,141
Grade 3. Range \$3,640 to \$4,300:			
Plant quarantine inspector.....			8.7 30,363
Grade 2. Range \$2,980 to \$3,640.....		0.3 1,030	34.1 90,011
Grade 1. Range \$2,320 to \$2,980.....			2.4 4,766
Clerical, administrative, and fiscal service:			
Grade 7. Range \$2,980 to \$3,640.....			1 2,625
Grade 4. Range \$2,100 to \$2,496.....			1.4 2,473
Grade 3. Range \$1,902 to \$2,298.....	0.3	566	3.5 5,702
Grade 2. Range \$1,704 to \$2,100.....			1 1,512
Subprofessional service:			
Grade 6. Range \$2,320 to \$2,980.....			1 2,109
Grade 4. Range \$1,902 to \$2,298.....			1 1,571
Unclassified.....			0.5 761
Total permanent, field.....		0.8 2,529	55.5 145,034
Temporary employment, field.....			4.1 10,723
Overtime pay, field.....		227	35,658
Additional pay for foreign service, field.....			963
All personal services, field.....		0.8 2,756	59.6 192,378
01 Personal services (net).....		0.8 2,756	61.4 197,819
OTHER OBLIGATIONS			
02 Travel.....		144	48,190
03 Transportation of things.....			3,244
04 Communication services.....			650
07 Other contractual services.....			3,501
08 Supplies and materials.....		100	3,637
09 Equipment.....			186
Total other obligations.....		244	59,408
Grand total obligations.....		3,000	257,227
Received by transfer from "Emergency fund for the President, national defense".....			-250,000
Prior year balance available in 1945.....			-18,500
1945 balance available in 1946.....		-11,273	+11,273
Estimated savings, unobligated balance.....		8,273	
Total estimate or appropriation.....			

## Working Funds, Agriculture, Bureau of Entomology and Plant Quarantine—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL			
Professional service:	Man-years	Total salary	Man-years
Grade 5. Range \$5,180 to \$6,020:			
Entomologist.....		0.8 \$4,864	
Clerical, administrative, and fiscal service:			
Grade 3. Range \$1,902 to \$2,298.....		0.2 324	
Total permanent, departmental.....		1 5,188	
PERSONAL SERVICES, FIELD			
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Chemist.....	0.6	3,454	2.4 \$11,964
Entomologist.....	0.6	3,592	1 4,650
Grade 4. Range \$4,300 to \$5,180:			
Agent.....	1.3	6,162	1 4,000
Chemist.....	1	4,300	0.4 1,500
Entomologist.....	1.9	6,459	5.7 22,218
Grade 3. Range \$3,640 to \$4,300:			
Agent.....	0.5	1,875	1.5 4,995
Airplane pilot.....	0.5	1,875	1.1 3,595
Entomologist.....	3.7	13,776	7 22,900
Equipment engineer.....	0.5	2,150	1 3,800
Physicist.....	0.5	1,875	1 3,200
Supervisor.....	1	3,640	
Grade 2. Range \$2,980 to \$3,640.....	6.8	22,272	14.1 37,180
Grade 1. Range \$2,320 to \$2,980.....	3.3	7,898	10.6 22,180
Clerical, administrative, and fiscal service:			
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	0.6	2,250	1 3,225
Grade 5. Range \$2,320 to \$2,980.....	1	2,540	3 6,100
Grade 4. Range \$2,100 to \$2,496.....	2.4	5,422	3.8 6,999
Grade 3. Range \$1,902 to \$2,298.....	4.3	8,330	3.6 5,836
Grade 2. Range \$1,704 to \$2,100.....	1	1,704	1.4 2,011
Subprofessional service:			
Grade 5. Range \$2,100 to \$2,496.....	3.7	7,394	3.2 5,775
Grade 4. Range \$1,902 to \$2,298.....	6.3	12,200	9.7 15,698
Grade 3. Range \$1,704 to \$2,100.....	0.8	1,326	1.5 2,164
Grade 2. Range \$1,572 to \$1,968.....	21.1	31,647	8.7 11,302
Grade 1. Range \$1,440 to \$1,836.....	0.3	443	40.7 45,011
Crafts, protective, and custodial service:			
Grade 5. Range \$1,968 to \$2,364.....	0.3	722	0.5 777
Grade 4. Range \$1,770 to \$2,166.....	0.3	612	1.5 2,370



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Crafts, protective, and custodial service—Continued			
Grade 3. Range \$1,572 to \$1,902		0.3 \$524	0.5 \$649
Grade 2. Range \$1,440 to \$1,770		0.3 443	0.9 1,049
Unclassified		0.3 440	0.9 1,993
Total permanent, field		65.2 155,325	127.7 253,141
Temporary employment, field		5 8,400	5.5 8,540
W. A. E. employment, field		29 37,261	48.7 62,372
Overtime pay, field		7,934	65,388
All personal services, field		99.2 208,920	181.9 389,441
01 Personal services (net)		100.2 214,108	181.9 389,441
<b>OTHER OBLIGATIONS</b>			
02 Travel		9,000	21,136
03 Transportation of things		1,500	4,043
04 Communication services		2,000	3,573
05 Rents and utility services		4,400	10,990
07 Other contractual services		16,500	21,001
08 Supplies and materials		38,000	95,394
09 Equipment		6,500	16,722
Total other obligations		77,900	172,859
Grand total obligations		292,008	562,300
Advanced from—			
War Department		-100,000	-142,600
Office of Scientific Research and Development		-105,000	-515,386
Prior year balance available in 1945			-21,839
1945 balance available in 1946		-115,908	+115,908
Estimated savings, unobligated balance		28,900	1,617
Total estimate or appropriation			
<b>BY PROJECTS OR FUNCTIONS</b>			
1. For investigations on methods of control for insects affecting the armed forces (Office of Scientific Research and Development)		\$175,762	\$370,010
2. For the control of the dog fly along the Florida Gulf coast in the vicinity of air training stations (War Department)		105,507	124,136
3. For the conduct of investigations of methods of properly caring for grain in storage (Commodity Credit Corporation)		2,805	2,766
4. Overtime pay		7,934	65,388
Grand total obligations		292,008	562,300
Adjustments (see objects schedule for detail)		-292,008	-562,300
Total estimate or appropriation			

Total, salaries and expenses, Bureau of Entomology and Plant Quarantine, annual appropriations, general account:

Estimate 1947, \$6,701,000      Appropriated 1946, \$5,627,700

#### CONTROL OF EMERGENCY OUTBREAKS OF INSECTS AND PLANT DISEASES

##### Control of Emergency Outbreaks of Insects and Plant Diseases—

To enable the Secretary to carry out the provisions of and for expenditures authorized by the joint resolution approved May 9, 1938 (7 U. S. C. 148-148e), including the operation and maintenance of airplanes and the purchase of not to exceed three, and surveys and control operations in Canada in cooperation with the Canadian Government or local Canadian authorities, and the employment of Canadian citizens, **[\$2,700,000] \$2,800,000.** (*Act of May 5, 1945, Public Law 52.*)

Annual appropriation, general account:

Estimate 1947, \$2,800,000      Appropriated 1946, \$2,700,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Assistant chief in charge of control activities			0.5 \$3,412
Grade 6. Range \$6,230 to \$7,070:			
Division leader, domestic plant quarantines	1 \$7,070	1 \$7,070	0.8 4,800
Entomologist	1 6,230	1 6,230	0.5 3,200
Grade 5. Range \$5,180 to \$6,020:			
Assistant division leader	1 5,810	1 5,648	0.8 4,417
Entomologist	1 5,390	1 5,390	

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—con.</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Professional service—Continued			
Grade 5. Range \$5,180 to \$6,020—Con.	0.3 \$2,007	0.5 \$3,010	0.3 \$1,800
Pathologist			
Grade 4. Range \$4,300 to \$5,180:			
Entomologist			1 3,800
Plant quarantine, inspector	0.4 1,968	0.4 1,968	0.5 1,977
Grade 3. Range \$3,640 to \$4,300:			
Entomologist	1 3,800	2 7,440	1 3,200
Grade 2. Range \$2,980 to \$3,640:	1 3,090	1 3,027	
Clerical, administrative, and fiscal service:			
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant	2.5 10,035	2.5 9,976	2.3 7,934
Grade 7. Range \$2,980 to \$3,640:			0.9 2,383
Grade 5. Range \$2,320 to \$2,980:	1.5 3,767	1.5 3,716	2.9 6,475
Grade 4. Range \$2,100 to \$2,496:	7.2 16,095	11.2 24,781	10 18,492
Grade 3. Range \$1,902 to \$2,298:	8 18,420	18 38,766	9.6 19,134
Grade 2. Range \$1,704 to \$2,100:	1 1,836	1 1,836	0.7 1,036
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640:			1 2,800
Grade 6. Range \$2,320 to \$2,980:	1 2,590	1 2,590	3.5 1,796
Grade 5. Range \$2,100 to \$2,496:			1.3 2,598
Grade 4. Range \$1,902 to \$2,298:			0.1 167
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902:	2 3,606	2 3,588	0.5 715
Grade 2. Range \$1,440 to \$1,770:	1 1,486	2 2,893	1.8 2,247
Total permanent, departmental	30.9 93,200	47.1 127,929	40 92,383
Temporary employment, departmental		2.9 6,723	2.4 4,256
Overtime pay, departmental		3,770	18,168
All personal services, departmental	30.9 93,200	50 138,422	42.4 114,807
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 6. Range \$6,230 to \$7,070:		1 6,804	1 6,000
Division leader, grasshopper control			
Grade 5. Range \$5,180 to \$6,020:			
Assistant division leader, grasshopper control		1 5,374	1.2 5,778
Entomologist		0.5 2,246	0.7 3,134
Plant quarantine inspector	1 5,810	1 5,697	1 4,900
Project leader	1 5,390	1 5,390	1 4,700
Grade 4. Range \$4,300 to \$5,180:			
Agent	3 13,580	3.2 14,345	2.3 8,958
Assistant project leader	1 4,520	1 4,520	1.1 4,123
Entomologist	1 4,760	2.3 10,180	2.4 9,831
Information analyst		1 4,740	0.9 3,854
Operation supervisor	2 9,040	2.5 11,300	3 11,600
Pilot		0.3 1,594	
Plant pathological inspector			0.4 1,683
Plant quarantine inspector	2 9,260	2.3 10,807	2 7,900
Survey supervisor		1 4,520	1 3,900
Grade 3. Range \$3,640 to \$4,300:			
Agent	14 50,130	14.3 50,764	13.8 45,256
Agricultural engineer			0.8 2,475
Airplane pilot	1 3,750	1.3 5,100	0.6 1,964
Area supervisor	1 3,640	1 3,640	
Biologist	1 3,750	1 3,678	0.9 2,943
Chemist			0.5 1,539
District supervisor	1 3,860	1 3,801	1 3,250
Entomologist	2 7,390	4.9 18,473	6.6 21,785
Field records and identification supervisor	1 3,860	1 3,860	1 3,300
Field supervisor		8.3 32,399	14.3 47,158
Operational supervisor	1 3,970	1 3,940	1 3,375
Plant quarantine inspector	1 4,080	1.2 4,701	3.9 12,571
Grade 2. Range \$2,980 to \$3,640:	31.8 95,431	38.5 115,268	39 105,193
Grade 1. Range \$2,320 to \$2,980:	11.8 26,930	12.5 28,228	8.3 16,622
Clerical, administrative, and fiscal service:			
Grade 11. Range \$4,300 to \$5,180:			
Administrative assistant	1 4,520	1 4,520	1 3,800
Business manager		1 4,300	1 3,800
Traffic manager		1 4,681	1 4,000
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant	2 7,720	2 7,690	2 6,575
Assistant business manager		1 3,801	1 3,250
Assistant traffic manager		1 3,648	0.1 267
Grade 7. Range \$2,980 to \$3,640:			
Grade 5. Range \$2,320 to \$2,980:	2 6,180	2 6,180	3.3 8,558
Grade 4. Range \$2,100 to \$2,496:	8 20,390	15.3 37,599	12.9 26,909
Grade 3. Range \$1,902 to \$2,298:	16 33,444	24.4 51,361	22.4 40,515
Grade 2. Range \$1,704 to \$2,100:	13.8 27,763	17.3 34,382	20.6 33,519
Grade 1. Range \$1,506 to \$1,902:	3.8 6,730	4.8 8,449	6.3 9,272
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640:	2 6,510	2 6,510	3.4 8,574
Grade 7. Range \$2,650 to \$3,310:	4 11,590	4 11,299	0.2 530
Grade 6. Range \$2,320 to \$2,980:	10.3 25,264	13.3 32,401	11 22,888
Grade 5. Range \$2,100 to \$2,496:	22.5 47,130	22.5 46,673	23.3 43,169
Grade 4. Range \$1,902 to \$2,298:	3 6,462	4.5 9,006	9.1 15,353
Grade 3. Range \$1,704 to \$2,100:			0.2 355
Crafts, protective, and custodial service:			
Grade 7. Range \$2,364 to \$2,870:	1 2,496	1 2,496	1.6 3,155
Grade 6. Range \$2,166 to \$2,562:	1 2,232	1 2,191	0.6 1,064
Grade 5. Range \$1,968 to \$2,364:			0.4 796
Grade 4. Range \$1,770 to \$2,166:	3 5,706	8 14,682	8.1 12,772
Grade 3. Range \$1,572 to \$1,902:			0.2 264
Unclassified	22.3 40,688	37.9 75,355	40.3 70,273
Total permanent, field	193.3 513,976	269.1 728,593	280.3 664,222
Temporary employment, field	60.8 124,170	91.3 181,645	135 216,215
W. A. E. employment, field	78.7 41,254	51.5 86,410	95.8 130,283
W. O. C. employment, field	0.2 0	0.2 0	5.8 0
Overtime pay, field		39,230	208,690
All personal services, field	333 679,400	412.1 1,035,778	516.9 1,219,410
01 Personal services (net)	363.9 772,600	462.1 1,174,200	559.3 1,334,217



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## CONTROL OF EMERGENCY OUTBREAKS OF INSECTS AND PLANT DISEASES—Continued

## Control of Emergency Outbreaks of Insects and Plant Diseases—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS			
02 Travel.....	\$55,400	\$163,600	\$190,856
03 Transportation of things.....	27,900	95,000	164,954
04 Communication services.....	7,200	10,500	11,675
05 Rents and utility services.....	20,100	42,000	46,124
06 Printing and binding.....	2,300	3,800	3,378
07 Other contractual services.....	44,000	106,400	144,766
08 Supplies and materials.....	288,100	507,700	958,996
09 Equipment.....	39,400	88,800	47,360
Total other obligations.....	484,400	1,017,800	1,568,109
Grand total obligations.....	1,257,000	2,192,000	2,902,326
Reserve for future allotment.....	+1,543,000	+508,000	-----
Net total obligations.....	2,800,000	2,700,000	2,902,326
Covered into Treasury as miscellaneous receipts, Public Law 529.....	-----	-----	+1,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Estimated savings, unobligated balance.....	-----	-----	\$876,724
Total estimate or appropriation.....	\$2,800,000	\$2,700,000	3,780,050

BY PROJECTS OR FUNCTIONS			
1. White fringed beetle control.....	\$771,000	\$771,000	\$680,749
2. Pear psylla control.....	431,000	431,000	407,956
3. Hall scale control.....	55,000	55,000	34,115
4. Grasshopper and Mormon cricket control.....	-----	617,000	944,085
5. Armyworm control.....	-----	15,000	-----
6. Chinich bug control.....	-----	50,000	404,403
7. Mole cricket control.....	-----	57,000	44,457
8. General surveys.....	-----	153,000	159,703
9. Overtime pay.....	-----	43,000	226,858
Grand total obligations.....	1,257,000	2,192,000	2,902,326
Adjustments (see objects schedule for detail).....	+1,543,000	+508,000	+877,724
Total estimate or appropriation.....	2,800,000	2,700,000	3,780,050

<sup>1</sup> In view of the emergency nature of the work under this appropriation and the projects thereunder and because of the uncertainty as to the scope and volume of control activities which will be required it is not possible to forecast with reasonable definiteness the funds that will be obligated for all projects under this appropriation.

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles and aircraft for the fiscal year ending June 30, 1947

## BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

Appropriation	Vehicles (motor unless otherwise indicated) or aircraft to be purchased		Old vehicles or aircraft to be exchanged		Net cost of vehicles or aircraft to be purchased	Old vehicles or aircraft still to be used	Total maintenance, repair, and operation, all vehicles or aircraft	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Insect investigations.....	25	\$26,250	23	\$6,900	\$19,350	92	\$23,000	For travel by entomologists, pathologists, supervisors, and inspectors engaged in research, control, quarantine, and survey activities, to inspect and supervise activities on the various projects.
Do.....	12	2,400	-----	-----	2,400	13	6,000	For further experimental work on highly concentrated insecticides (DDT and others).
Insect and plant disease control.....	20	21,000	20	6,000	15,000	91	22,500	For travel by entomologists, pathologists, supervisors, and inspectors engaged in research, control, quarantine, and survey activities, to inspect and supervise activities on the various projects.
Do.....	15	22,800	-----	-----	22,800	17	14,400	For use in the application of insecticides for the suppression of destructive insects attacking crops and forested areas.
Foreign plant quarantines.....	-----	-----	-----	-----	-----	55	11,000	For travel by entomologists, pathologists, supervisors, and inspectors engaged in research, control, quarantine, and survey activities, to inspect and supervise activities on the various projects.
Total, salaries and expenses.....	52	72,450	43	12,900	59,550	248	76,900	Do.  For application of insecticides for the suppression of emergency and incipient outbreaks of insects.
Control of emergency outbreaks of insects and plant diseases.....	8	8,400	-----	-----	8,400	28	6,500	
Do.....	13	3,600	-----	-----	3,600	16	10,800	
Grand total.....	63	84,450	43	12,900	71,550	282	94,200	

<sup>1</sup> Aircraft.

## BUREAU OF AGRICULTURAL AND INDUSTRIAL CHEMISTRY

## SALARIES AND EXPENSES

## Salaries and Expenses, Agricultural and Industrial Chemistry, Agricultural Research Administration—

For investigations, experiments, and demonstrations hereinafter authorized, [independently or in cooperation with other branches of the Department, other departments or agencies of the Federal Government, States, State agricultural experiment stations, universities, and other State agencies and institutions, counties, municipalities, business, farm, or other organizations and corporations, individuals, associations, and scientific societies,] including the employment of necessary persons and means in the city of Washington and elsewhere, of which not to exceed [\$176,528] \$247,966 may be expended for personal services in the District of Columbia, as follows: (5 U. S. C. 511-512—establishing Department of Agriculture, 524—establishing Bureau of Chemistry, 563-564. The foregoing citations apply to all appropriation items under the Bureau which are not based upon specific legislative authority either incorporated in the language of the item or cited immediately thereunder; Act of May 5, 1945, Public Law 52.)

## General administrative expenses—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, agricultural and industrial chemistry, Agricultural Research Administration":	-----	-----	-----
Agricultural chemical investigations.....	-----	-----	+\$61,690
Naval stores investigations.....	-----	-----	+20,560
Total estimate or appropriation.....	-----	-----	\$2,250

Agricultural chemical investigations: For conducting the investigations contemplated by the Act of May 15, 1862 (5 U. S. C. 511, 512), relating to the application of chemistry to agriculture; for the biological, chemical, physical, microscopical, and technological investigation of foods, feeds, drugs, plant and animal products, and substances used in the manufacture thereof; for investigations of the physiological effects and for the pharmacological testing of such



products and of insecticides; for the investigation and development of methods for the manufacture of sugars, sugar sirups, and starches and the utilization of new agricultural materials for such purposes; and for the technological investigation of the utilization of fruits and vegetables and for frozen pack investigations; [and to cooperate with associations and scientific societies in the development of methods of analysis, \$350,000] \$576,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$576,000

Appropriated 1946, \$350,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 8. Range \$8,750 to \$9,800:						
Chief of bureau	1	\$9,013	1	\$8,942	1	\$8,000
Grade 7. Range \$7,175 to \$8,225:						
Associate chief of bureau	1	7,175	0.8	5,933		
Assistant to the chief	1	8,225	0.5	4,080		
Assistant chief of bureau					0.9	6,256
Grade 6. Range \$6,230 to \$7,070:						
Chemist	1	6,230				
Grade 4. Range \$4,300 to \$5,180:						
Chemist	1	4,300				
Grade 3. Range \$3,640 to \$4,300:						
Chemist	3	10,920				
Information specialist	0.5	1,820	0.8	3,080		
Grade 2. Range \$2,980 to \$3,640:						
Information specialist	5	14,900				
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	4,520	1	4,520	1	3,850
Grade 9. Range \$3,640 to \$4,300:						
Fiscal accountant	1	3,970	1	3,970	1	3,400
Grade 7. Range \$2,980 to \$3,640:						
Information specialist	3	9,820	3	9,790	2	5,675
Grade 5. Range \$2,320 to \$2,980:						
Information specialist	1	2,430	1	2,400	1	2,050
Grade 4. Range \$2,100 to \$2,496:						
Information specialist	2.8	6,082	2.8	6,205	5.7	10,726
Grade 3. Range \$1,902 to \$2,298:						
Information specialist	1.8	3,485	1.7	3,370	1	1,980
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496:						
Information specialist	1	2,100				
Grade 4. Range \$1,902 to \$2,298:						
Information specialist	2.8	3,768				
Grade 2. Range \$1,572 to \$1,968:						
Information specialist	1	1,572				
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
Information specialist	0.5	852	1	1,704	2	2,760
Total permanent, departmental	29.4	101,182	14.6	53,994	15.6	44,697
Temporary employment, departmental			0.8	1,424	0.1	95
W. A. E. employment, departmental			0.1	72	0.1	117
W. O. C. employment, departmental	0.1	0	0.1	0	0.1	0
Overtime pay, departmental				600		7,511
All personal services, departmental	29.5	101,182	15.6	56,090	15.9	52,420
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Chief of division	1	7,700	1	7,700	1	6,750
Grade 6. Range \$6,230 to \$7,070:						
Chief of division	3	19,530	2	13,089	1.8	10,200
Grade 5. Range \$5,180 to \$6,020:						
Bacteriologist	2	10,780	2	10,546	1.8	8,612
Chemist	8	43,960	6	32,817	5.6	25,916
Grade 4. Range \$4,300 to \$5,180:						
Bacteriologist	2	8,820	1.8	8,158	1.1	4,337
Chemist	10	45,860	8.5	39,749	8	32,557
Pathologist	1	4,300				
Pharmacologist	2	9,260	2	9,095	1.8	6,850
Grade 3. Range \$3,640 to \$4,300:						
Bacteriologist	2	7,390	1.7	6,124	1.8	6,043
Chemical technologist					0.3	1,005
Chemist	10.5	40,100	6	22,699	5	16,014
Pharmacologist					0.3	850
Physiologist	1	3,640				
Grade 2. Range \$2,980 to \$3,640:						
Chemist	13.8	40,533	12.2	37,181	11.3	30,553
Grade 1. Range \$2,320 to \$2,980:						
Chemist	11.8	27,742	3.8	9,183	3.7	7,254
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980:						
Information specialist	3	7,730	3	7,590	2.7	5,566
Grade 4. Range \$2,100 to \$2,496:						
Information specialist	2	4,662	1	2,496	1.3	2,865
Grade 3. Range \$1,902 to \$2,298:						
Information specialist	2.3	4,592	2.3	4,632	1.5	2,611
Grade 2. Range \$1,704 to \$2,100:						
Information specialist	4	7,080	3.9	6,853	3	4,190
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310:						
Information specialist	1	2,760	1	2,760	1	2,300
Grade 6. Range \$2,320 to \$2,980:						
Information specialist	1	2,540	1	2,540	1	2,100
Grade 5. Range \$2,100 to \$2,496:						
Information specialist	4	8,400	3.6	7,638		
Grade 4. Range \$1,902 to \$2,298:						
Information specialist	6.6	12,727	1.6	3,253	0.2	306
Grade 3. Range \$1,704 to \$2,100:						
Information specialist	2	3,540	2	3,540	2.3	3,285
Grade 2. Range \$1,572 to \$1,968:						
Information specialist	5.5	9,108	3	5,031	1.7	2,499
Grade 1. Range \$1,440 to \$1,836:						
Information specialist	2.7	3,864	0.5	727	0.5	600
Crafts, protective, and custodial service:						
Grade 6. Range \$2,166 to \$2,562:						
Information specialist	1	2,166	0.9	1,980	0.5	831
Grade 5. Range \$1,968 to \$2,364:						
Information specialist	1	2,100	1	2,100	1	1,740
Grade 2. Range \$1,440 to \$1,770:						
Information specialist	6	9,036	4.9	7,422	4	4,875
Total permanent, field	109.7	349,920	76.7	254,903	64.2	190,709
Temporary employment, field	2.5	4,226	1.3	2,907	2.7	5,287
Part-time employment, field	0.4	639	0.4	649	0.1	102
W. A. E. employment, field	1	1,437	1.6	3,937	2.5	4,607
W. O. C. employment, field	5	0	4.8	0	4	0
Overtime pay, field				4,700		35,359
All personal services, field	118.6	356,222	84.8	267,096	73.5	236,064
<b>01 Personal services (net)</b>	<b>148.1</b>	<b>457,404</b>	<b>100.4</b>	<b>323,186</b>	<b>89.4</b>	<b>288,484</b>

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel	\$15,800	\$13,244	\$9,880
03 Transportation of things	1,600	2,700	1,272
04 Communication services	3,700	3,700	1,429
05 Rents and utility services	13,900	5,950	4,635
07 Other contractual services	8,770	4,274	2,854
08 Supplies and materials	35,800	18,100	12,434
09 Equipment	39,026	22,846	8,081
Total other obligations	118,596	70,814	40,585
Grand total obligations	576,000	394,000	329,069
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"			+195
Received by transfer from "Salaries and expenses, agricultural and industrial chemistry, Agricultural Research Administration," general administrative expenses			-61,690
Net total obligations	576,000	394,000	267,574
Covered into Treasury as miscellaneous receipts, Public Law 529			+106
Excess of obligations over appropriation due to Public Law 106		-44,000	
Estimated savings, unobligated balance			45,731
Total estimate or appropriation	576,000	350,000	313,411
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Fruits, vegetables, and other agricultural products of the South	\$103,000	\$102,737	\$67,509
2. Sugars and sirups investigations	83,700	83,528	67,222
3. Investigations in pharmacology of agricultural products	57,500	32,641	23,899
4. Investigations on enzymes and phytochemistry	67,700	35,550	26,872
5. Fruits, vegetables, and other agricultural products of the West	66,000	50,849	33,819
6. Fundamental investigations in microbiology of agricultural products	40,500	40,449	33,930
7. Tung nuts investigations	30,900	30,813	24,720
8. Basic investigations in the chemistry of agricultural products	67,000	12,133	8,228
9. Investigations on chemical methods of isolation and identification of substances of agricultural origin responsible for allergic reaction	59,700		
10. Overtime pay		5,300	42,870
Grand total obligations	576,000	394,000	329,069
Adjustments (see objects schedule for detail)		-44,000	-15,658
Total estimate or appropriation	576,000	350,000	313,411

Naval-stores investigations: For the investigation of naval stores (turpentine and rosin) and their components; the investigation and experimental demonstration of improved equipment, methods, or processes of preparing naval stores; the weighing, storing, handling, transportation, and utilization of naval stores; and for the assembling and compilation of data on production, distribution, and consumption of turpentine and rosin, pursuant to the Act of August 15, 1935 (5 U. S. C. 556b); [\$125,000] \$140,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$140,000

Appropriated 1946, \$125,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Information specialist	1	\$6,650	1	\$6,650	1	\$5,800
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Assistant chief of bureau	1	7,438	1	7,438	0.5	3,286
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	1	4,520	1	4,520		
Total permanent, departmental	3	18,608	3	18,608	1.5	9,086
Temporary employment, departmental	0.6	1,223	0.6	1,179		
Overtime pay, departmental				300		946
All personal services, departmental	3.6	19,836	3.6	20,087	1.5	10,032
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Head of division	1	6,440	1	6,246	0.6	3,422
Grade 5. Range \$5,180 to \$6,020:						
Chemist	3	16,590	2.8	15,572	2	9,800



**AGRICULTURAL RESEARCH ADMINISTRATION—Continued**  
**BUREAU OF AGRICULTURAL AND INDUSTRIAL CHEMISTRY—Continued**  
**SALARIES AND EXPENSES—continued**  
**Salaries and Expenses, Agricultural and Industrial Chemistry,**  
**Agricultural Research Administration—Continued**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD—continued</b>						
Professional service—Continued						
Grade 4. Range \$4,300 to \$5,180:						
Chemist	0.5	\$2,150	0.7	\$3,404	1	\$3,800
Grade 3. Range \$3,640 to \$4,300:						
Chemical engineer			0.5	1,820	0.6	2,176
Chemist	4	15,000	4	14,860	3.5	11,049
Naval stores technologist	1	3,750	1	3,672	0.3	800
Grade 2. Range \$2,980 to \$3,640:						
Chemist	4	12,140	3.5	10,533	2.4	6,477
Grade 1. Range \$2,320 to \$2,980:						
Chemist	3	7,400	3.1	7,556	3.1	6,369
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980:						
Chemist	1	2,540	1	2,487	1	2,050
Grade 3. Range \$1,902 to \$2,298:						
Chemist	2	3,936	2	3,936	1.7	2,791
Grade 2. Range \$1,704 to \$2,100:						
Chemist	1	1,704	0.8	1,491		
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496:						
Chemist	1	2,364	1	2,346	0.6	1,298
Grade 4. Range \$1,902 to \$2,298:						
Chemist	1	1,902	1	1,902		
Grade 3. Range \$1,704 to \$2,100:						
Chemist	4	6,882	3.3	5,598	1.4	1,948
Crafts, protective, and custodial service:						
Grade 6. Range \$2,166 to \$2,562:						
Chemist	2	4,530	2	4,512	1.6	3,026
Grade 4. Range \$1,770 to \$2,166:						
Chemist	2	3,738	2	3,678	2.2	3,399
Grade 2. Range \$1,440 to \$1,770:						
Chemist	2	3,078	2	3,024	2.4	2,888
Unclassified:						
Agent	1	1,785	1	1,785	0.3	567
Naval stores technician					0.1	198
Total permanent, field	33.5	95,929	32.7	94,422	24.8	62,058
Temporary employment, field	0.6	860	1.5	2,656	2.3	3,655
W. A. E. employment, field	0.3	761	0.4	918	0.7	883
Overtime pay, field				1,800		12,601
All personal services, field	34.4	97,550	34.6	99,796	27.8	79,197
Total, departmental and field	38	117,386	38.2	119,883	29.3	89,229
Deduct quarters and subsistence furnished		324		324		324
01 Personal services (net)	38	117,062	38.2	119,559	29.3	88,905
<b>OTHER OBLIGATIONS</b>						
02 Travel		3,928		3,931		2,734
03 Transportation of things		600		600		223
04 Communication services		1,500		1,500		1,545
05 Rents and utility services		1,050		1,050		792
07 Other contractual services		2,500		2,500		2,099
08 Supplies and materials		6,700		6,700		6,735
09 Equipment		6,660		6,660		6,414
Total other obligations		22,938		22,941		20,542
Grand total obligations		140,000		142,500		109,447
Reimbursements for services performed						-85
Received by transfer from "Salaries and expenses, agricultural and industrial chemistry, Agricultural Research Administration," general administrative expenses						-20,560
Net total obligations		140,000		142,500		88,802
Covered into Treasury as miscellaneous receipts, Public Law 529						+56
Excess of obligations over appropriation due to Public Law 106				-17,500		
Estimated savings, unobligated balance						23,242
Total estimate or appropriation		140,000		125,000		112,100

Regional research laboratories: For continuing the researches established under the provisions of section 202 (a) to 202 (e), inclusive, of title II of the Agricultural Adjustment Act of 1938 (7 U. S. C. 1292), including research on food products of farm commodities, [\$4,000,000] \$4,450,000. (5 U. S. C. 511-512; 7 U. S. C. 1292; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$4,450,000

Appropriated 1946, \$4,000,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>Southern Regional Research Laboratory</b>						
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director of laboratory	1	\$7,962	1	\$7,893	1	\$7,000
Grade 6. Range \$6,230 to \$7,070:						
Assistant director of laboratory	1	6,230	0.8	5,190	0.3	1,944
Head of division	7	47,180	7	46,866	7	41,400

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>Southern Regional Research Laboratory—Continued</b>						
<b>PERSONAL SERVICES, FIELD—continued</b>						
Professional service—Continued						
Grade 5. Range \$5,180 to \$6,020:						
Technical assistant to director	1	\$5,390	1	\$5,390	1	\$4,600
Agricultural economist	1	5,600	1	5,439	1	4,750
Biochemist	1	5,180	0.5	2,592	0.2	767
Chemical engineer	1	5,180	0.5	2,592	0.3	1,200
Chemical technologist	1	5,390	1	5,390	1	4,600
Chemist	6.8	37,714	7.1	38,833	4.9	24,108
Cotton technologist	4	21,980	4	21,921	4	18,850
Physicist	2	11,200	2	11,057	2	9,600
Grade 4. Range \$4,300 to \$5,180:						
Agricultural economist	1	4,520	1	4,362	0.7	2,850
Biochemist	2	8,820	1.5	6,480	1.5	6,022
Chemical engineer	2	9,480	2	9,422	2	8,000
Chemical technologist	2	9,040	2	9,040	2	7,750
Chemist	4.3	19,296	4.9	21,565	4.4	16,837
Cotton technologist	2	8,820	1.7	7,392	1	3,900
Mechanical engineer	2	9,040	2	9,040	1.2	4,633
Physicist	1	4,520	0.8	3,770	0.8	3,479
Textile technologist	1	4,520	1	4,470	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Agricultural economist	1	3,640	0.4	1,520	0.3	850
Chemical engineer	1	3,750	1	3,750	1	3,200
Chemical technologist	1	3,970	1	3,970	1	3,400
Chemist	12.2	45,860	11.2	42,080	10.4	34,268
Cotton technologist	4	15,330	4	15,206	4	12,892
Mechanical engineer					0.8	2,808
Physicist	2	7,390	1.9	6,864	0.3	1,004
Technologist	1	3,860	1	3,860	1	3,300
Grade 2. Range \$2,980 to \$3,640:						
Chemist	35	108,908	33.3	102,964	26.6	70,563
Grade 1. Range \$2,320 to \$2,980:						
Chemist	36	88,470	36.8	89,304	37.9	79,461
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Business manager	1	5,390	1	5,390	1	4,650
Grade 9. Range \$3,640 to \$4,300:						
Assistant business manager	1	3,640	1	3,640	1	3,225
Grade 7. Range \$2,980 to \$3,640:						
Chemist	5	15,560	4.8	14,588	3.9	10,300
Grade 6. Range \$2,650 to \$3,310:						
Chemist					0.9	2,200
Grade 5. Range \$2,320 to \$2,980:						
Chemist	2	4,970	2	4,879	2.1	4,218
Grade 4. Range \$2,100 to \$2,496:						
Chemist	10	21,528	9.5	20,227	3.7	6,760
Grade 3. Range \$1,902 to \$2,298:						
Chemist	8.7	17,088	9	17,557	12.8	20,937
Grade 2. Range \$1,704 to \$2,100:						
Chemist	11.7	20,540	11.7	20,413	11.8	17,434
Grade 1. Range \$1,506 to \$1,902:						
Chemist	1	1,572	1	1,536	0.5	630
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310:						
Chemist	1	2,650	0.7	1,768	0.3	707
Grade 6. Range \$2,320 to \$2,980:						
Chemist	4	9,500	3.3	7,944	1	2,093
Grade 5. Range \$2,100 to \$2,496:						
Chemist	2	4,332	2.2	4,597	2.9	5,526
Grade 4. Range \$1,902 to \$2,298:						
Chemist	19.8	39,078	21.2	41,439	16.5	26,838
Grade 3. Range \$1,704 to \$2,100:						
Chemist	1	1,704	1	1,704	0.7	1,089
Grade 2. Range \$1,572 to \$1,968:						
Chemist	1	1,572	0.9	1,441	0.7	952
Crafts, protective, and custodial service:						
Grade 9. Range \$2,650 to \$3,310:						
Chemist	1	2,980	1	2,895	1	2,425
Grade 8. Range \$2,540 to \$3,200:						
Chemist	1	2,760	1	2,760	1	2,300
Grade 7. Range \$2,364 to \$2,870:						
Chemist	8	19,836	8	19,794	7.8	16,185
Grade 6. Range \$2,166 to \$2,562:						
Chemist	11.5	25,965	11.5	25,809	9.2	17,361
Grade 4. Range \$1,770 to \$2,166:						
Chemist	20.5	38,514	19.8	37,176	17.4	27,048
Grade 3. Range \$1,572 to \$1,902:						
Chemist	9	15,402	9	15,264	7.4	10,287
Grade 2. Range \$1,440 to \$1,770:						
Chemist	23.5	35,952	23.8	35,928	22.2	27,464
Total permanent, field	281	808,773	276.8	785,001	246.4	598,485
Temporary employment, field	0.5	732	6.8	12,456	13.6	20,417
Part-time employment, field					0.4	717
W. A. E. employment, field	0.2	590	0.2	618	0.1	255
W. O. C. employment, field	0.2	0	0.2	0	0.2	0
Overtime pay, field				16,500		118,508
01 Personal services (net)	281.9	810,095	284	814,575	260.7	738,382
<b>OTHER OBLIGATIONS</b>						
02 Travel		20,000		15,000		14,429
03 Transportation of things		5,700		5,700		4,259
04 Communication services		5,500		5,500		4,264
05 Rents and utility services		26,100		25,100		23,780
07 Other contractual services		21,400		16,400		15,008
08 Supplies and materials		103,000		107,000		108,644
09 Equipment		79,070		93,400		92,431
10 Lands and structures		5,000		7,500		5,000
Total other obligations		265,770		275,600		267,815
Grand total obligations (Southern Regional Research Laboratory)		1,075,865		1,090,175		1,006,197
<b>Western Regional Research Laboratory</b>						
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director of laboratory	1	7,962	1	7,897	1	7,000
Grade 6. Range \$6,230 to \$7,070:						
Chief of division	5	33,880	4.8	32,789	4	24,550
Grade 5. Range \$5,180 to \$6,020:						
Assistant to director	1	5,810	1	5,757	1	5,000
Chief of section	17	92,890	16.2	88,467	15.9	75,773
Mechanical superintendent	1	5,390	1	5,390	1	4,600
Grade 4. Range \$4,300 to \$5,180:						
Biochemist	1	4,740	1	4,740	1	4,000
Chemist	9	39,800	8.6	37,916	6.1	23,183
Microbiologist	1	4,740	1	4,740	1	4,050
Physicist	1	4,300	1	4,300	0.1	422
Grade 3. Range \$3,640 to \$4,300:						
Bacteriologist	1	3,860	1	3,860	1	3,300
Biochemist	2	7,610	2	7,527	2	6,425



By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Western Regional Research Laboratory—Continued</i>						
PERSONAL SERVICES, FIELD—continued						
Professional service—Continued	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Grade 3. Range \$3,640 to \$4,300—Con.						
Chemical engineer	4	\$15,110	4	\$15,110	4	\$12,900
Chemist	21	81,500	21.2	82,289	19.9	66,911
Electrical engineer	1	3,750	1	3,685	0.4	1,413
Engineering physicist	1	3,970	1	3,887	0.9	2,912
Industrial analyst	1	3,750	1	3,713	0.7	2,329
Mechanical engineer	1	3,970	1	3,915	1	3,338
Physicist	1	3,750	1	3,705	1.5	4,986
Technical editor	1	3,860	1	3,860	1	3,300
Grade 2. Range \$2,980 to \$3,640	42.5	133,580	45.5	142,268	41.9	111,679
Grade 1. Range \$2,320 to \$2,980	33.7	81,379	35.2	84,094	27.7	56,059
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Business manager	1	5,390	1	5,390	1	4,650
Grade 8. Range \$3,310 to \$3,970	1	3,310	0.8	2,758		
Grade 7. Range \$2,980 to \$3,640	3	9,050	2.8	8,368	2	5,176
Grade 6. Range \$2,650 to \$3,310	1	2,870	1	2,870	1	2,400
Grade 5. Range \$2,320 to \$2,496	3	7,070	2.4	6,321	2.4	5,220
Grade 4. Range \$2,100 to \$2,496	9.5	20,544	9.2	19,858	3	5,579
Grade 3. Range \$1,602 to \$2,298	13.6	27,430	14.2	28,317	13.2	22,841
Grade 2. Range \$1,704 to \$2,100	14	24,516	13.5	21,734	11.1	16,195
Grade 1. Range \$1,506 to \$1,902	2	3,144	2	3,070	1.8	2,289
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640	1	3,200	1	3,200	1	2,700
Grade 7. Range \$2,650 to \$3,310	4	10,710	3.7	9,827	0.2	392
Grade 6. Range \$2,320 to \$2,980	4	9,830	3.6	8,697	4.3	9,494
Grade 5. Range \$2,100 to \$2,496	1	2,166	1	2,166	1.1	1,875
Grade 4. Range \$1,602 to \$2,298	18.6	36,059	18.6	36,037	13.2	21,521
Grade 3. Range \$1,704 to \$2,100	7	12,324	6.8	12,024	5.3	7,629
Grade 2. Range \$1,572 to \$1,968	5.5	8,778	5.8	9,269	3.5	4,616
Grade 1. Range \$1,440 to \$1,836	9	13,488	9	13,235	6.9	8,340
Crafts, protective, and custodial service:						
Grade 9. Range \$2,650 to \$3,310	1	2,870	1	2,870	1	2,400
Grade 7. Range \$2,364 to \$2,870	5	12,216	5	12,062	3.8	7,912
Grade 6. Range \$2,166 to \$2,562	4	9,060	4.1	9,240	4.6	8,772
Grade 5. Range \$1,968 to \$2,364	1	1,968	1	2,100	1	1,740
Grade 4. Range \$1,770 to \$2,166	13	24,462	12.8	24,123	11.9	18,486
Grade 3. Range \$1,572 to \$1,902	6.5	10,614	6.3	10,352	3.5	4,892
Grade 2. Range \$1,440 to \$1,770	14.7	21,780	14.6	21,692	11.4	13,829
Unclassified:						
Agent	0.1	600	0.1	600	0.1	600
Total permanent, field	290.7	829,050	291.8	826,089	241.4	603,600
Temporary employment, field	1.8	3,905	2.7	4,791	0.6	997
W. A. E. employment, field	0.2	610	0.1	295	0.1	122
Overtime pay, field				15,000		115,642
01 Personal services (net)	292.7	833,565	294.6	846,175	242.1	720,451
OTHER OBLIGATIONS						
02 Travel		20,000		20,000		12,000
03 Transportation of things		6,000		8,500		2,563
04 Communication services		6,000		6,000		4,406
05 Rents and utility services		34,000		30,000		29,467
07 Other contractual services		17,000		17,000		12,802
08 Supplies and materials		86,500		78,000		89,089
09 Equipment		70,000		78,000		88,735
10 Lands and structures		8,000		10,000		9,073
Total other obligations		247,500		247,500		248,135
Grand total obligations (Western Regional Research Laboratory)	1,081,065		1,093,675		968,586	
<i>Eastern Regional Research Laboratory</i>						
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director of laboratory	1	7,963	1	7,898	1	7,000
Grade 6. Range \$6,230 to \$7,070:						
Assistant director of laboratory	1	6,440	1	6,440	1	5,700
Chemical engineer	1	6,650	1	6,650	1	5,800
Chief of division	6	39,690	6	39,376	5.5	32,150
Industrial analyst	2	13,510	2	13,510	1	5,600
Grade 5. Range \$5,180 to \$6,020:						
Chemical engineer	2	11,410	2	11,410	1.3	7,000
Chemical technologist					0.1	400
Chemist	10	56,260	10	55,897	11.6	55,006
Mechanical engineer	1	5,600	1	5,495	1	4,800
Physicist	1	5,600	1	5,600	1	4,900
Tobacco technologist	1	6,020	1	6,020	1	5,200
Grade 4. Range \$4,300 to \$5,180:						
Chemical engineer	2	9,480	2	9,315	1.1	4,467
Chemist	9	42,990	9	42,791	8.8	34,309
Physicist	1	4,520	1	4,520	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Bacteriologist	1	3,750	1	3,750	1	3,200
Chemical engineer	2	7,720	2	7,638	2	6,525
Chemical technologist	1	3,970	1	3,970	1	3,400
Chemist	25	97,820	26	100,857	23.8	77,856
Electrical engineer	1	3,970	1	3,915	1	3,350
Mechanical engineer	3	11,580	3	11,580	3	9,900
Technical editor	1	3,860	1	3,860	1	3,300
Technologist	1	3,640	1	3,640		
Grade 2. Range \$2,980 to \$3,640	22	69,740	21.9	68,915	18.7	49,172
Grade 1. Range \$2,320 to \$2,980	39	94,110	38.9	95,936	27.7	57,900

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Eastern Regional Research Laboratory—Continued</i>						
PERSONAL SERVICES, FIELD—continued						
Clerical, administrative, and fiscal service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 12. Range \$5,180 to \$6,020:						
Business manager	1	\$5,600	1	\$5,600	1	\$4,800
Grade 9. Range \$3,640 to \$4,300:						
Assistant business manager	1	3,860	1	3,778	1	3,225
Grade 7. Range \$2,980 to \$3,640	4	12,470	4	12,425	3.6	9,489
Grade 6. Range \$2,650 to \$3,310	1	2,870	1	2,815	1	2,350
Grade 5. Range \$2,320 to \$2,980	2	5,300	2	5,218	2.4	5,090
Grade 4. Range \$2,100 to \$2,496	11	24,354	11	24,152	11.2	20,424
Grade 3. Range \$1,902 to \$2,298	12	24,210	12	23,992	11.5	18,993
Grade 2. Range \$1,704 to \$2,100	9	15,996	9	15,914	8.7	12,608
Grade 1. Range \$1,506 to \$1,902	4	6,420	4	6,295	3.7	4,685
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640	2	6,510	2	6,401	2	5,400
Grade 6. Range \$2,320 to \$2,980	2	4,445	2	4,445	1.9	4,067
Grade 5. Range \$2,100 to \$2,496	4	8,938	4	8,831	3.4	6,225
Grade 4. Range \$1,902 to \$2,298	11	23,154	11	22,994	4.8	7,744
Grade 3. Range \$1,704 to \$2,100	6	10,554	6	10,178	4.1	5,580
Grade 2. Range \$1,572 to \$1,968	10	16,050	10	15,921	4.6	6,270
Grade 1. Range \$1,440 to \$1,836	14	21,744	14	20,112	12.1	15,106
Crafts, protective, and custodial service:						
Grade 9. Range \$2,650 to \$3,310	1	2,980	1	2,980	1	2,500
Grade 8. Range \$2,540 to \$3,200	1	2,760	1	2,760	1	2,300
Grade 7. Range \$2,364 to \$2,870	9	22,266	8.9	21,865	9.1	19,021
Grade 6. Range \$2,166 to \$2,562	9	20,550	9	20,550	7.5	14,340
Grade 5. Range \$1,968 to \$2,364	1	2,100	1	2,100	1.7	2,907
Grade 4. Range \$1,770 to \$2,166	19	35,874	19	35,761	19	29,139
Grade 3. Range \$1,572 to \$1,902	5	8,388	5	8,357	5.2	7,008
Grade 2. Range \$1,440 to \$1,770	15	23,118	15	23,038	14.5	18,175
Total permanent, field	288	826,804	288.7	825,465	251.6	618,187
Temporary employment, field	8.5	13,961	7.9	11,358	15	18,312
Overtime pay, field				16,000		120,418
01 Personal services (net)	296.5	840,765	296.6	852,823	266.6	756,917
OTHER OBLIGATIONS						
02 Travel		12,000		10,000		9,194
03 Transportation of things		7,000		7,000		5,731
04 Communication services		4,500		5,000		3,684
05 Rents and utility services		23,000		23,000		21,614
07 Other contractual services		23,000		23,000		17,894
08 Supplies and materials		68,000		73,552		77,435
09 Equipment		83,000		83,000		95,268
10 Lands and structures		11,000		7,500		1,665
Total other obligations		231,500		232,052		232,485
Grand total obligations (Eastern Regional Research Laboratory)	1,072,265		1,084,875		989,402	
<i>Northern Regional Research Laboratory</i>						
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director of laboratory	1	8,225	1	8,160	1	7,250
Grade 6. Range \$6,230 to \$7,070:						
Head of division	7.8	51,957	7.8	51,186	7.4	38,617
Grade 5. Range \$5,180 to \$6,020:						
Building superintendent	1	5,390	1	5,390	1	4,600
In charge of section	15	81,690	14	75,967	12.8	60,463
Industrial analyst	1	6,020	1	5,967	1	5,200
Technical assistant to director	1	5,810	1	5,757	1	5,000
Grade 4. Range \$4,300 to \$5,180:						
Chemical engineer	4	17,640	4	17,640	2.3	9,317
Chemist	6	26,900	6.5	28,995	7.3	28,154
Fermentologist					0.3	950
Mechanical engineer	1	4,520	1	4,520	1	3,800
Microbiologist	2	9,040	1.8	7,800	1	3,950
Grade 3. Range \$3,640 to \$4,300:						
Agricultural technologist	1	3,860	1	3,860	1	3,300
Bacteriologist	2	7,500	2	7,407	1.2	3,866
Chemical engineer	4	15,110	3.8	14,089	4.1	13,425
Chemist	14	52,940	14	52,295	13.1	42,247
Mechanical engineer	1	3,970	1	3,915	1	3,350
Microbiologist			0.3	992	1	3,400
Statistician	1	3,750	1	3,750	1	3,200
Zymologist	1	3,860	1	3,860	1	3,300
Grade 2. Range \$2,980 to \$3,640	23.5	70,230	24.7	73,263	18.5	48,489
Grade 1. Range \$2,320 to \$2,980	35.3	86,703	36.2	88,235	38.5	79,770
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Business manager	1	5,390	1	5,390	1	4,650
Grade 9. Range \$3,640 to \$4,300:						
Assistant business manager	1	3,750	1	3,750	1	3,200
Grade 7. Range \$2,980 to \$3,640	5	15,120	4	11,997	2.3	6,016
Grade 6. Range \$2,650 to \$3,310			0.1	106	1	2,325
Grade 5. Range \$2,320 to \$2,980	3	7,290	3.3	8,053	4	8,090
Grade 4. Range \$2,100 to \$2,496	8.5	18,378	8.5	18,290	7.3	13,205
Grade 3. Range \$1,902 to \$2,298	10	20,010	10.3	20,314	6.7	10,903
Grade 2. Range \$1,704 to \$2,100	14.3	25,150	15	26,018	12.4	18,008
Grade 1. Range \$1,506 to \$1,902	5	7,794	5.3	7,954	4.3	5,408
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640	2	6,290	2	6,161	1.6	4,141
Grade 7. Range \$2,650 to \$3,310					0.5	1,132
Grade 6. Range \$2,320 to \$2,980	5	11,820	4.5	10,577	1.3	2,500
Grade 5. Range \$2,100 to \$2,496	4	8,532	4	8,456	0.9	1,630



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## BUREAU OF AGRICULTURAL AND INDUSTRIAL CHEMISTRY—Continued

## SALARIES AND EXPENSES—continued

Salaries and Expenses, Agricultural and Industrial Chemistry,  
Agricultural Research Administration—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Northern Regional Research Laboratory—Continued</i>						
PERSONAL SERVICES, FIELD—continued	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Subprofessional service—Continued						
Grade 4. Range \$1,902 to \$2,298	25.3	\$48,778	24.5	\$46,967	15.3	\$24,991
Grade 3. Range \$1,704 to \$2,100	5	8,784	5	8,729	2.1	2,946
Grade 2. Range \$1,572 to \$1,968	9	14,610	9	14,443	8.2	10,776
Grade 1. Range \$1,440 to \$1,836					0.3	429
Crafts, protective, and custodial service:						
Grade 9. Range \$2,650 to \$3,310	1	2,980	1	2,897	1	2,425
Grade 8. Range \$2,540 to \$3,200	1	2,760	1	2,760	1	2,300
Grade 7. Range \$2,364 to \$2,870	7	17,274	7	17,252	6.9	14,469
Grade 6. Range \$2,166 to \$2,562	16	35,910	16	35,805	11.4	21,533
Grade 5. Range \$1,968 to \$2,364					2.9	4,899
Grade 4. Range \$1,770 to \$2,166	16	29,838	16	29,716	14.4	23,007
Grade 3. Range \$1,572 to \$1,902	6	9,696	5.3	8,434	3.5	4,614
Grade 2. Range \$1,440 to \$1,770	23.4	35,106	22.8	33,845	18	21,693
Total permanent, field	291.1	800,375	290.7	790,962	245.8	586,938
Temporary employment, field	10.4	16,412	11.9	18,282	17.4	26,431
W. A. E. employment, field	1.6	2,878	1.6	2,906	1.8	2,676
W. O. C. employment, field	5.6	0	2.8	0	2.3	0
Overtime pay, field				16,700		118,583
01 Personal services (net)	308.7	819,665	307	828,850	267.3	734,628
OTHER OBLIGATIONS						
02 Travel		13,500		13,500		10,376
03 Transportation of things		3,000		3,500		2,680
04 Communication services		5,000		5,000		4,327
05 Rents and utility services		27,000		27,000		23,829
07 Other contractual services		30,900		24,185		37,945
08 Supplies and materials		100,000		100,000		96,100
09 Equipment		79,300		85,000		91,470
10 Lands and structures		5,000		5,000		5,985
Total other obligations		263,700		263,185		272,712
Grand total obligations (Northern Regional Research Laboratory)		1,083,365		1,092,035		1,007,340
<i>General Administrative Expenses</i>						
PERSONAL SERVICES, DEPARTMENTAL						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Assistant chief of Bureau	1	7,438	1	7,438	0.1	307
Grade 6. Range \$6,230 to \$7,070:						
Chemical engineer	1	7,070	1	7,070	1	6,400
Chemist	1	6,650	1	6,537	1	5,800
Grade 5. Range \$5,150 to \$6,020:						
Chemist	2	11,410	1.8	10,457	1	5,200
Grade 3. Range \$3,640 to \$4,300:						
Chemist	2.5	10,090	2	8,211	2	7,050
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Assistant chief of bureau					0.5	3,214
Grade 11. Range \$4,300 to \$5,150:						
Administrative officer	1	4,300	1	4,300	1	3,900
Grade 9. Range \$3,640 to \$4,300:						
Assistant administrative officer	0.5	1,820	1	3,640		
Grade 7. Range \$2,950 to \$3,640	2	6,180	2	6,180	3	7,900
Grade 6. Range \$2,650 to \$3,310	2	6,400	2	6,490	1.8	5,052
Grade 5. Range \$2,320 to \$2,980	4.5	10,990	5	12,142	3.6	7,705
Grade 4. Range \$2,100 to \$2,496	12.5	27,640	13.3	29,365	9.4	17,864
Grade 3. Range \$1,902 to \$2,298	8	16,008	7.6	15,029	6.3	5,775
Grade 2. Range \$1,704 to \$2,100	1	1,836	0.8	1,377	2	3,068
Grade 1. Range \$1,506 to \$1,902	1	1,506	0.7	1,131		
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902	2	3,342	1.8	2,883	0.6	1,365
Grade 2. Range \$1,440 to \$1,770	2	3,078	1.6	2,385		
Total permanent, departmental	44	125,758	43.6	124,625	33.3	80,600
Temporary employment, departmental	0.8	1,190	1.2	2,323	0.6	833
Overtime pay, departmental				1,800		14,881
01 Personal services (net)	44.8	126,948	44.8	128,748	33.9	96,314
OTHER OBLIGATIONS						
02 Travel		4,900		4,900		3,965
03 Transportation of things		500		500		362
04 Communication services		1,600		1,600		1,611
07 Other contractual services		1,100		1,100		535

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>General Administrative Expenses—Con.</i>			
OTHER OBLIGATIONS—continued			
08 Supplies and materials	\$1,492	\$1,492	\$698
09 Equipment	900	900	
Total other obligations	10,492	10,492	7,171
Grand total obligations (general administrative expenses)	137,440	139,240	103,455
Grand total obligations (all projects or functions)	4,450,000	4,500,000	4,075,010
Reimbursements for services performed			-1,501
Net total obligations	4,450,000	4,500,000	4,073,509
Covered into Treasury as miscellaneous receipts, Public Law 529			+864
Excess of obligations over appropriation due to Public Law 106		-500,000	
Estimated savings, unobligated balance			170,227
Total estimate or appropriation	4,450,000	4,000,000	4,244,600
BY PROJECTS OR FUNCTIONS			
1. Southern regional research laboratory	\$1,075,865	\$1,073,675	\$886,926
2. Western regional research laboratory	1,081,065	1,078,675	852,944
3. Eastern regional research laboratory	1,072,265	1,068,875	868,246
4. Northern regional research laboratory	1,083,365	1,075,335	888,757
5. General administrative expenses	137,440	137,440	88,604
6. Services performed for other agencies			1,501
7. Overtime pay		66,000	488,032
Grand total obligations	4,450,000	4,500,000	4,075,010
Adjustments (see objects schedule for detail)		-500,000	+169,590
Total estimate or appropriation	4,450,000	4,000,000	4,244,600

## Synthetic Liquid Fuels, Transfer to Agriculture (Agricultural and Industrial Chemistry)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Construction and operation of semiworks plant for studies of production of liquid motor fuels from agricultural products</i>						
PERSONAL SERVICES, FIELD	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Chemical engineer	0.3	\$1,662	0.3	\$1,662	0.2	\$1,250
Grade 5. Range \$5,150 to \$6,020:						
Chemical engineer	1	5,180	0.5	2,590		
Grade 4. Range \$4,300 to \$5,150:						
Chemical engineer			0.5	2,150	0.7	2,533
Grade 3. Range \$3,640 to \$4,300:						
Chemical engineer	1	3,750	1	3,695	0.6	1,840
Construction engineer			0.3	910		
Mechanical engineer	1	3,750	1	3,685	0.5	1,580
Grade 1. Range \$2,320 to \$2,980	2	4,750	2	4,615	0.6	1,250
Clerical, administrative, and fiscal service:						
Grade 3. Range \$1,902 to \$2,298	1	1,902	0.7	1,426		
Grade 2. Range \$1,704 to \$2,100	1	1,770	1.3	2,146	0.9	1,264
Subprofessional service:						
Grade 4. Range \$1,902 to \$2,298	4.7	8,876	4.2	7,920	0.8	1,234
Grade 2. Range \$1,572 to \$1,968			1	1,506		
Crafts, protective, and custodial service:						
Grade 6. Range \$2,166 to \$2,562	3	6,498	2.3	4,873		
Grade 5. Range \$1,968 to \$2,364			0.5	984	0.1	14
Grade 4. Range \$1,770 to \$2,166	0.7	1,180	0.7	1,180		
Total permanent, field	15.7	39,318	16.3	39,342	4.4	10,945
Temporary employment, field				216	0.3	540
Overtime pay, field						2,150
01 Personal services (net)	15.7	39,318	16.3	39,558	4.7	13,635
OTHER OBLIGATIONS						
02 Travel		750		1,000		203
03 Transportation of things		950		1,000		73
04 Communication services		250		200		119
05 Rents and utility services		2,500		2,000		24
07 Other contractual services		2,000		25,000		208
08 Supplies and materials		14,000		16,000		11,350
09 Equipment		20,000		18,000		56,125



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Construction and operation of semiworks plant for studies of production of liquid motor fuels from agricultural products—Continued</i>			
OTHER OBLIGATIONS—continued			
10 Lands and structures.....	\$2,000	\$5,000	\$58,913
Total other obligations.....	42,450	68,200	127,015
Net total obligations.....	81,768	107,758	140,650
Received by transfer from "Synthetic liquid fuels, Bureau of Mines," Department of the Interior.....			-410,000
1945 balance available in 1946.....		-269,350	+269,350
1946 balance available in 1947.....	-161,592	+161,592	
1947 balance available in 1948.....	+79,824		
Total estimate or appropriation.....			

**Special Research Fund, Department of Agriculture (Bureau of Agricultural and Industrial Chemistry)—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Special agricultural chemical researches</i>			
PERSONAL SERVICES, DEPARTMENTAL			
Professional service:	Man- Total	Man- Total	Man- Total
Grade 6. Range \$6,230 to \$7,070:	years salary	years salary	years salary
Chief of division.....	1 \$6,860	1 \$6,804	1 \$6,000
Grade 5. Range \$5,180 to \$6,020:			
Chemist.....	1 5,600	1 5,600	1 4,800
Grade 4. Range \$4,300 to \$5,180:			
Biochemist.....	1 5,180	1 5,011	1 4,350
Grade 2. Range \$2,980 to \$3,640.....	1 3,090	1 3,090	1 2,600
Grade 1. Range \$2,320 to \$2,980.....	1 2,540	1 2,540	1 2,100
Clerical, administrative, and fiscal service:			
Grade 4. Range \$2,100 to \$2,496.....	0.8 1,802	0.8 1,680	0.5 947
Subprofessional service:			
Grade 2. Range \$1,572 to \$1,968.....	1 1,638	1 1,595	0.8 997
Total permanent, departmental.....	6.8 26,710	6.8 26,320	6.3 21,794
Part-time employment, departmental.....	0.3 2,231	0.3 2,231	0.3 2,031
Overtime pay, departmental.....		455	3,640
All personal services, departmental.....	7.1 28,941	7.1 29,006	6.6 27,465
PERSONAL SERVICES, FIELD			
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Chief of division.....	0.1 502		
Grade 5. Range \$5,180 to \$6,020:			
Chemist.....	1 5,600	1 5,495	1 4,600
Grade 4. Range \$4,300 to \$5,180:			
Chemist.....	1 4,300		
Grade 3. Range \$3,640 to \$4,300:			
Chemist.....	4.5 16,930	4 15,054	2 6,450
Grade 2. Range \$2,980 to \$3,640.....		2 6,170	2.1 5,650
Grade 1. Range \$2,320 to \$2,980.....	1 2,430	1 2,430	1 2,000
Clerical, administrative, and fiscal service:			
Grade 4. Range \$2,100 to \$2,496.....	1.1 2,182	0.8 1,776	0.3 525
Grade 3. Range \$1,902 to \$2,298.....	0.6 1,209	0.6 1,177	0.7 1,190
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640.....	1 3,090	1 3,090	1 2,600
Grade 4. Range \$1,902 to \$2,298.....	0.7 1,312		0.2 458
Total permanent, field.....	11 37,555	10.4 35,192	8.3 23,473
Temporary employment, field.....			0.2 567
Overtime pay, field.....		730	4,651
All personal services, field.....	11 37,555	10.4 35,922	8.5 28,691
01 Personal services (net).....	18.1 66,496	17.5 64,928	15.1 56,156
OTHER OBLIGATIONS			
02 Travel.....	1,310	1,510	1,172
03 Transportation of things.....	280	380	834
04 Communication services.....	375	375	276
05 Rents and utility services.....	3,342	3,340	3,337
07 Other contractual services.....	400	800	1,300
08 Supplies and materials.....	3,338	3,519	9,011
09 Equipment.....	1,100	2,676	8,464
Total other obligations.....	10,145	12,600	24,394
Grand total obligations.....	76,641	77,528	80,550
Allotted from "Special research fund, Department of Agriculture".....	-76,641	-77,528	-82,272
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+18
Estimated savings, unobligated balance.....			1,704
Total estimate or appropriation.....			

**Emergency Rubber Project, Department of Agriculture (Bureau of Agricultural and Industrial Chemistry)—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, FIELD			
Professional service:	Man- Total	Man- Total	Man- Total
Grade 6. Range \$6,230 to \$7,070:	years salary	years salary	years salary
Chemist.....	1 \$6,440	1 \$5,650	
Chemical engineer.....	1 6,650	1 5,800	
Grade 5. Range \$5,180 to \$6,020:			
Chemical technologist.....			0.6 2,800
Grade 4. Range \$4,300 to \$5,180:			
Chemist.....	0.8 3,375	2 7,850	
Chemical engineer.....	1 4,520	1.9 7,483	
Technologist.....	1 4,575	1 4,000	
Grade 3. Range \$3,640 to \$4,300:			
Chemical engineer.....	2 7,610	2 6,500	
Chemist.....	2 7,610	2 6,500	
Grade 2. Range \$2,980 to \$3,640.....	3.5 11,473	7.9 20,820	
Grade 1. Range \$2,320 to \$2,980.....	1 2,540	3.9 4,849	
Subprofessional service:			
Grade 7. Range \$2,650 to \$3,310.....			0.8 2,263
Grade 5. Range \$2,100 to \$2,496.....	2 4,200	2.7 5,004	
Grade 4. Range \$1,902 to \$2,298.....	1 1,902	1.6 2,768	
Grade 1. Range \$1,440 to \$1,836.....		0.9 1,155	
Total permanent, field.....		16.3 60,895	29.3 83,442
Temporary employment, field.....			3.9 6,820
W. A. E. employment, field.....			0.1 79
Overtime pay, field.....		1,400	16,523
01 Personal services (net).....		16.3 62,295	33.3 106,864
OTHER OBLIGATIONS			
02 Travel.....		1,300	772
03 Transportation of things.....			405
04 Communication services.....			71
07 Other contractual services.....			53
Total other obligations.....		1,300	1,301
Grand total obligations.....		63,595	108,165
Reimbursements for services performed.....			-7
Allotted from "Emergency rubber project, Department of Agriculture".....		-46,766	-40,077
Prior year balance available in 1945.....			-84,923
1945 balance available in 1946.....		-16,829	+16,829
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+13
Total estimate or appropriation.....			
BY PROJECTS OR FUNCTIONS			
1. Pilot laboratory investigations on cryptostegia.....			\$19,758
2. Pilot plant investigation on guayule.....		\$62,195	71,877
3. Services performed for other agencies.....			7
4. Overtime pay.....		1,400	16,523
Grand total obligations.....		63,595	108,165
Adjustments (see objects schedule for detail).....		-63,595	-108,165
Total estimate or appropriation.....			

**Working Funds, Agriculture, Bureau of Agricultural and Industrial Chemistry—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, FIELD			
Professional service:	Man- Total	Man- Total	Man- Total
Grade 3. Range \$3,640 to \$4,300:	years salary	years salary	years salary
Bacteriologist.....	0.8 \$2,900		0.4 \$1,042
Grade 2. Range \$2,980 to \$3,640.....		0.8 1,800	0.1 250
Grade 1. Range \$2,320 to \$2,980.....			
Subprofessional service:			
Grade 5. Range \$2,100 to \$2,496.....		0.8 1,750	0.1 225
Grade 4. Range \$1,902 to \$2,298.....			0.3 415
Grade 3. Range \$1,704 to \$2,100.....			0.1 180
Grade 2. Range \$1,572 to \$1,968.....		0.7 1,350	
Total permanent, field.....		3.1 7,800	1 2,112
Overtime pay, field.....			458
01 Personal services (net).....		3.1 7,800	1 2,570
OTHER OBLIGATIONS			
02 Travel.....		500	
03 Transportation of things.....			637
04 Communication services.....			4
08 Supplies and materials.....		1,700	51
09 Equipment.....			35
Total other obligations.....		2,200	727
Grand total obligations.....		10,000	3,297



## AGRICULTURAL RESEARCH ADMINISTRATION—Continued

## BUREAU OF AGRICULTURAL AND INDUSTRIAL CHEMISTRY—Continued

## Working Funds, Agriculture, Bureau of Agricultural and Industrial Chemistry—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Advanced from War Department, Quartermaster Corps.....		—\$10,000	
Prior year balance available in 1945.....			—\$38,859
Estimated savings, unobligated balance.....			35,562
Total estimate or appropriation.....			

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
1. Investigations on the microbiology of eggs and egg products (War Department).....		\$10,000	
2. Investigations in food compression and packaging of dehydrated compressed food products (War Production Board).....			\$2,839 458
3. Overtime pay.....			
Adjustments (see objects schedule for detail).....		—10,000	—3,297
Total estimate or appropriation.....			

Total, salaries and expenses, Bureau of Agricultural and Industrial Chemistry, annual appropriations, general account:

Estimate 1947, \$5,166,000

Appropriated 1946, \$4,475,000

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## BUREAU OF AGRICULTURAL AND INDUSTRIAL CHEMISTRY

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Agricultural chemical investigations.....	1	\$1,050	1	\$300	\$750	1	\$250	For travel by officials of the fruit and vegetable chemistry laboratory, Los Angeles, Calif., in making field trips throughout the States of California, Nevada, Utah, Arizona, and New Mexico, and for travel of officials of the U. S. Citrus Products Station, Winter Haven, Fla., in making field trips throughout the State of Florida.
Naval stores investigations.....	1	1,050	1	300	750		175	For travel by officials of naval stores station, Olustee, Fla., throughout naval stores producing area in pine regions of the South.
Regional research laboratories.....	2	2,100	1	300	1,800	4	800	For travel by station officials throughout the areas served by the New Orleans, La.; Albany, Calif.; Wyndmoor, Pa.; and Peoria, Ill., regional research laboratories.
Total.....	4	4,200	3	900	3,300	5	1,225	

## BUREAU OF HUMAN NUTRITION AND HOME ECONOMICS

## Salaries and Expenses, Human Nutrition and Home Economics, Agricultural Research Administration—

Salaries and expenses: For necessary expenses, including not to exceed \$236,184, \$300,202 for personal services in the District of Columbia, of the Bureau of Human Nutrition and Home Economics for conducting, either independently or in cooperation with other agencies, investigations of the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, and such economic investigations, including housing and household buying, as have for their purpose the improvement of the rural home, and for disseminating useful information on this subject, \$850,000, \$917,000. (5 U. S. C. 511-512; Act of May 5, 1945, Public Law 52.)

Annual appropriation, general account:

Estimate 1947, \$917,000

Appropriated 1946, \$850,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL			
Professional service:			
Grade 8. Range \$8,750 to \$9,800:			
Chief of bureau.....	1	\$9,013	1 \$8,871
Grade 7. Range \$7,175 to \$8,225:			
Assistant chief of bureau.....	2	14,613	2 14,421
Head, family economics division.....	1	7,175	1 7,175
Grade 6. Range \$6,230 to \$7,070:			
Economist.....	1	6,230	0.8 5,032
Head, family economics division.....			0.3 1,788
Head, information division.....	1	6,440	1 5,600
Physicist.....	1	6,440	1 6,295
Grade 5. Range \$5,180 to \$6,020:			
Economist.....	3	15,750	2.6 13,559
Food economist.....			1.2 5,430
Grade 4. Range \$4,300 to \$5,180:			
Economist.....	1	4,300	0.8 3,638
Food economist.....	3	13,560	3 13,408
Information specialist.....	3	13,560	3 13,002
Statistician.....	2	8,600	1.8 7,938

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL—CON.			
Professional service—Continued:			
Grade 3. Range \$3,640 to \$4,300:			
Economist.....	1	\$3,640	0.8 \$3,080
Food economist.....	2	7,280	1.8 6,720
Home economist.....			0.2 \$516
Information specialist.....			1 3,049
Grade 2. Range \$2,980 to \$3,640:			
Grade 1. Range \$2,320 to \$2,980:	10	31,610	9.8 29,948
Clerical, administrative, and fiscal service:	7	16,899	7.4 17,815
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer.....	1	5,390	1 5,341
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	2	7,280	1.8 6,440
Grade 8. Range \$3,310 to \$3,970:			
Grade 7. Range \$2,980 to \$3,640:	3	9,050	0.2 764
Grade 6. Range \$2,650 to \$3,310:	2	5,300	2.8 8,320
Grade 5. Range \$2,320 to \$2,980:	2	5,300	1.5 4,077
Grade 4. Range \$2,100 to \$2,496:	10	24,300	10.5 25,529
Grade 3. Range \$1,902 to \$2,298:	10	21,858	9.6 21,232
Grade 2. Range \$1,704 to \$2,100:	16	31,554	16.1 31,954
Subprofessional service:	3	5,112	2.9 5,004
Grade 6. Range \$2,320 to \$2,980:			
Grade 4. Range \$1,902 to \$2,298:	3	7,070	3 6,909
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902:			0.1 33
Grade 2. Range \$1,440 to \$1,770:	2	3,078	1.4 1,671
Total permanent, departmental.....	91	284,502	89.2 275,864
Temporary employment, departmental.....	4	9,400	4.4 10,860
Part-time employment, departmental.....	0.8	1,500	0.9 1,760
W. A. E. employment, departmental.....	1.9	4,800	1.7 4,664
Overtime pay, departmental.....			4,695
All personal services, departmental.....	97.7	300,202	96.2 297,843
PERSONAL SERVICES, FIELD			
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Head, food and nutrition division.....	1	7,438	1 7,215
Grade 6. Range \$6,230 to \$7,070:			
Bacteriologist.....	1	6,440	1 6,270
Chemist.....	1	7,070	1 7,070
Food technologist.....	1	6,440	1 6,432
Head, housing and household equipment division.....	1	6,440	1 6,262



By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, FIELD—continued</b>						
<b>Professional service—Continued</b>						
Grade 6. Range \$6,230 to \$7,070—Con.						
Home economist					0.3	\$1,867
Nutrition chemist	1	\$6,440	1	\$6,440	1	5,600
Physicist					0.2	949
Technologist					0.1	233
Textile chemist					0.2	1,176
Grade 5. Range \$5,180 to \$6,020:						
Chemist	2	11,200	2	11,038	1.1	5,725
Food chemist	1	5,180	0.8	3,985		
Home economist	1	5,180	1	5,180	0.1	192
Household equipment specialist	1	5,180	1	5,180	0.8	3,731
Nutrition specialist	1	5,180	0.8	3,985		
Grade 4. Range \$4,300 to \$5,180:						
Chemist					0.9	3,683
Clothing specialist	3	13,120	2.6	11,301	1	3,800
Food specialist	2	9,040	2	8,913	1.9	7,420
Home economist					0.9	3,614
Physiologist	0.3	1,391	0.3	1,391	0.1	158
Textile chemist	1	4,520	1	4,520	1	3,800
Textile physicist	1	4,520	1	4,494	1	3,800
Textile technologist	1	4,300	1	4,300	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Chemist	1.9	4,073	1	3,594	1.2	3,625
Clothing specialist	1	3,860	1	3,775	1	3,225
Food specialist	4	15,000	4	14,737	2.1	6,497
Home economist	1	3,750	1	3,712	0.7	2,133
Household equipment specialist	4	15,110	3.8	14,590	1.1	3,931
Physiologist	1	3,640	0.8	2,800		
Statistician	1	3,750	1	3,682	0.4	1,333
Textile chemist			0.1	72	1	3,225
Grade 2. Range \$2,980 to \$3,640:	11	33,440	12.2	36,809	8.6	21,922
Grade 1. Range \$2,320 to \$2,980:	32	76,680	29.3	72,653	23.5	47,139
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,980 to \$3,640:					1	2,700
Grade 5. Range \$2,320 to \$2,980:	1	2,430	1	2,430	1	2,000
Grade 4. Range \$2,100 to \$2,496:	5	11,292	4.9	11,028	4.9	9,297
Grade 3. Range \$1,902 to \$2,298:	6	11,742	7.5	14,514	5.6	9,185
Grade 2. Range \$1,704 to \$2,100:	1	1,704	1	1,704	0.7	980
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:	1	3,310	1	3,310	1	2,800
Grade 5. Range \$2,100 to \$2,496:	12	25,926	14.3	31,111	11.3	20,341
Grade 4. Range \$1,902 to \$2,298:	11	21,450	12.6	24,797	10.3	16,742
Grade 3. Range \$1,704 to \$2,100:	1	1,770	1	1,747	1.9	2,835
Grade 2. Range \$1,572 to \$1,968:	5	8,652	5.9	10,072	6.8	9,029
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:	1	1,902	1	1,902	1.3	2,000
Grade 2. Range \$1,440 to \$1,770:	8	12,180	9.9	14,945	10.4	12,646
Unclassified	36	65,000	36	65,000	24.2	40,673
Total permanent, field	165.2	435,940	169.8	442,960	134.8	292,316
Temporary employment, field	5	9,594	4.2	9,392	1.5	3,875
Part-time employment, field	1.2	900	1	840		
W. A. E. employment, field	0.5	742	1.1	1,040	0.7	980
W. O. C. employment, field	0.5	0	0.5	0	0.2	0
Casual employment, field					1.6	3,836
Overtime pay, field			7,280			50,368
All personal services, field	172.4	447,176	176.6	461,512	138.8	351,375
01 Personal services (net)	270.1	747,378	272.8	759,355	200.8	535,038
<b>OTHER OBLIGATIONS</b>						
02 Travel		20,360		20,360		8,273
03 Transportation of things		1,880		1,880		427
04 Communication services		6,650		6,650		4,691
05 Rents and utility services		7,455		7,455		6,836
07 Other contractual services		79,700		76,625		56,172
08 Supplies and materials		41,167		39,265		30,765
09 Equipment		12,410		11,410		7,872
Total other obligations		169,622		163,645		115,036
Grand total obligations		917,000		923,000		650,074
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"						+10,395
Net total obligations		917,000		923,000		660,469
Covered into Treasury as miscellaneous receipts, Public Law 529						+120
Excess of obligations over appropriation due to Public Law 106				-73,000		
Estimated savings, unobligated balance						146,041
Total estimate or appropriation		917,000		850,000		806,630
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Food and nutrition investigations		\$305,583		\$303,611		\$228,300
2. Family economics investigations		285,190		283,338		129,811
3. Textiles and clothing investigations		159,656		158,640		125,046
4. Housing and household equipment investigations		111,227		110,510		49,133
5. Home economics information		55,344		54,926		38,982
6. Overtime pay				11,975		78,802
Grand total obligations		917,000		923,000		650,074
Adjustments (see objects schedule for detail)				-73,000		+156,556
Total estimate or appropriation		917,000		850,000		806,630

### Special Research Fund, Department of Agriculture (Bureau of Human Nutrition and Home Economics)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<i>For special researches in nutrition</i>						
<b>PERSONAL SERVICES, FIELD</b>						
<b>Professional service:</b>						
Grade 6. Range \$6,230 to \$7,070:						
Technologist					0.9	\$5,367
Grade 4. Range \$4,300 to \$5,180:						
Chemist	1	\$4,520	1	\$4,520	0.9	3,642
Physiologist	0.7	3,129	0.7	3,129	0.9	3,642
Grade 3. Range \$3,640 to \$4,300:						
Chemist	0.9	3,317	0.9	3,220		
Grade 2. Range \$2,980 to \$3,640:	1	3,090	1	3,090		
Grade 1. Range \$2,320 to \$2,980:	4	9,720	4	9,699	3.7	7,227
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496:	4	8,664	4	8,587	2.2	3,925
Grade 4. Range \$1,902 to \$2,298:	1	2,034	1	1,983	1.9	3,120
Grade 3. Range \$1,704 to \$2,100:	2	3,606	2	3,547	0.7	960
Grade 2. Range \$1,572 to \$1,968:	3.9	6,492	3.9	6,438	3.1	4,597
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770:	1.1	1,564	1.1	1,564	2.3	2,866
Total permanent, field	19.6	46,136	19.6	45,777	16.6	35,346
Overtime pay, field				813		6,824
01 Personal services (net)	19.6	46,136	19.6	46,590	16.6	42,170
<b>OTHER OBLIGATIONS</b>						
03 Transportation of things						1
04 Communication services		30		30		
07 Other contractual services		210		210		173
08 Supplies and materials		3,630		3,665		3,763
09 Equipment		50		50		43
Total other obligations		3,920		3,955		3,980
Grand total obligations		50,056		50,545		46,150
Allotted from "Special research fund, Department of Agriculture"		-50,056		-50,545		-48,055
Covered into Treasury as miscellaneous receipts, Public Law 529						+2
Estimated savings, unobligated balance						1,903
Total estimate or appropriation						

### Exportation and Domestic Consumption of Agricultural Commodities, Department of Agriculture (Bureau of Human Nutrition and Home Economics)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<i>Study of the utilization of agricultural commodities</i>						
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
<b>Professional service:</b>						
Grade 4. Range \$4,300 to \$5,180:						
Food economist					0.8	\$3,029
Information specialist					0.7	2,554
Grade 3. Range \$3,640 to \$4,300:						
Home economist					0.8	2,475
Information specialist					0.1	400
Clerical, administrative, and fiscal service:						
Grade 3. Range \$1,902 to \$2,298:					0.2	267
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980:					0.4	750
Total permanent, departmental					3	9,475
Overtime pay, departmental						1,705
All personal services, departmental					3	11,180
<b>PERSONAL SERVICES, FIELD</b>						
<b>Professional service:</b>						
Grade 3. Range \$3,640 to \$4,300:						
Food specialist					0.8	2,281
Grade 1. Range \$2,320 to \$2,980:					2.3	4,487
Total permanent, field					3.1	6,768
Overtime pay, field						1,421
All personal services, field					3.1	8,189
01 Personal services (net)					6.1	19,369
Allotted from "Exportation and domestic consumption of agricultural commodities, Department of Agriculture"						-19,460
Covered into Treasury as miscellaneous receipts, Public Law 529						+11
Estimated savings, unobligated balance						80
Total estimate or appropriation						



AGRICULTURAL RESEARCH ADMINISTRATION—Continued  
BUREAU OF HUMAN NUTRITION AND HOME ECONOMICS—Continued  
Working Fund, Agriculture, Bureau of Human Nutrition and  
Home Economics—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>For investigations in food compression and in the packaging of dehydrated compressed food products</i>						
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:	Man-	Total	Man-	Total	Man-	Total
Grade 3. Range \$3,640 to \$4,300:	years	salary	years	salary	years	salary
Food specialist.....					0.2	\$514
Grade 1. Range \$2,320 to \$2,980.....					0.1	250
Subprofessional service:						
Grade 3. Range \$1,704 to \$2,100.....					0.1	208

By objects	Obligations			
	Estimate, 1947		Estimate, 1946	
	Man- years	Total salary	Man- years	Total salary
<i>For investigations in food compression and in the packaging of dehydrated compressed food products—Continued</i>				
PERSONAL SERVICES, FIELD—continued				
Crafts, protective, and custodial service: Grade 2. Range \$1,440 to \$1,770.....				0.1    \$173
Total permanent, field.....				0.5    1,145
Overtime pay, field.....				244
01    Personal services (net).....				1,389
Grand total obligations.....				1,389
Prior year balance available in 1945.....				—4,649
Estimated savings, unobligated balance..				3,260
Total estimate or appropriation.....				

*Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947*

## BUREAU OF HUMAN NUTRITION AND HOME ECONOMICS

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses-----	1	\$1,050	-----	-----	\$1,050	-----	\$250	For travel by officials of the Bureau to enable personnel to operate more adequately at the sites of various projects carried on by the Bureau.

## BELTSVILLE RESEARCH CENTER

## Beltsville Research Center, Agricultural Research Administration—

Transferred to "Salaries and expenses, Office of Administrator, Agricultural Research Administration": 1945, \$130,760.

Total, Agricultural Research Administration, general account:

Estimate 1947, \$52,415,900	Appropriated 1946, \$44,061,183
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## WHITE PINE BLISTER RUST CONTROL

## White Pine Blister Rust Control, Department of Agriculture—

For expenses necessary to enable the Secretary to carry out the purposes of the Act entitled "An Act for forest protection against the white pine blister rust", approved April 26, 1940 (16 U. S. C. 594a), and in accordance with the provisions thereof, including the employment of persons and means in the District of Columbia and elsewhere, **[\$2,923,867] \$7,000,000**, of which amount **[\$259,838] \$646,418** shall be available to the Department of the Interior for control of white pine blister rust on or endangering Federal lands under the jurisdiction of that Department or lands of Indian tribes which are under the jurisdiction of or retained under restrictions of the United States; **[\$1,266,066] \$2,599,471** of said amount to the Forest Service for the control of white pine blister rust on or endangering lands under its jurisdiction; and **[\$1,397,963] \$3,754,111** of said amount to the Bureau of Entomology and Plant Quarantine for leadership and general coordination of the entire program, method development, and for operations conducted under its direction for such control, including, but not confined to **[** cooperation with individual States, local authorities and private agencies in **]** the control of white pine blister rust on or endangering State and privately owned lands. (*7 U. S. C. 151-167; Act of May 6, 1945, Public Law 52.*)

Annual appropriation, general account:

Estimate 1947, \$7,000,000	Appropriated 1946, \$2,923,867
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By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to—			
“White pine blister rust control (entomology and plant quarantine, Agricultural Research Administration)”	\$3,754,111	\$1,501,563	\$840,953
“White pine blister rust control (Forest Service)”	2,599,471	1,392,350	1,219,900
“White pine blister rust control, Department of Agriculture (transfer to Interior)”	646,418	299,954	203,173
Total transfers	7,000,000	3,193,867	2,264,026
Excess of obligations over appropriation due to Public Law 106		—270,000	
Total estimate or appropriation	7,000,000	2,923,867	2,264,026

**Consolidated schedule of obligations under "White pine blister rust control, Department of Agriculture." Detailed obligations are shown under each of the agencies to which transfers are made as shown in the preceding schedule**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Total personal services.....	3, 464. 7		1, 446. 8		877. 6	
Overtime pay.....		\$5, 964, 472		\$2, 657, 275 93, 143		\$1, 558, 002 355, 685
01 Personal services (net).....	3, 464. 7		1, 446. 8		877. 6	
		5, 964, 472		2, 750, 418		1, 913, 687
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		92, 450		42, 450		26, 249
03 Transportation of things.....		23, 900		14, 200		11, 482



By objects	Obligations			By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945		Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS—continued				1. Leadership, coordination, and technical direction of white pine blister rust control (Entomology and Plant Quarantine).....	\$644, 200	\$573, 920	\$443, 274
04 Communication services.....	\$7, 140	\$5, 790	\$4, 761	2. Blister rust quarantine enforcement (Entomology and Plant Quarantine).....	11, 500	11, 500	9, 814
05 Rents and utility services.....	34, 390	26, 590	23, 526	3. Blister rust control operations on the national forests (Forest Service).....	2, 599, 471	1, 358, 940	997, 650
07 Other contractual services.....	122, 201	91, 551	78, 758	4. Blister rust control operations on lands under jurisdiction of Interior Department (Department of the Interior).....	646, 418	285, 421	132, 426
08 Supplies and materials.....	312, 567	137, 288	122, 488	5. Cooperative blister rust control on State and privately owned lands (Entomology and Plant Quarantine).....	3, 098, 411	870, 943	255, 018
09 Equipment.....	442, 880	125, 580	18, 871	6. Services performed for other agencies.....			5, 955
Total other obligations.....	1, 035, 528	443, 449	286, 135	7. Overtime pay.....		93, 143	355, 685
Grand total obligations.....	7, 000, 000	3, 193, 867	2, 199, 822	Grand total obligations.....	7, 000, 000	3, 193, 867	2, 199, 822
Reimbursements for services performed.....			-5, 955	Adjustments (see objects schedule for detail).....		-270, 000	+64, 204
Net total obligations.....	7, 000, 000	3, 193, 867	2, 193, 867	Total estimate or appropriation.....	7, 000, 000	2, 923, 867	2, 264, 026
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+290				
Excess of obligations over appropriation due to Public Law 106.....		-270, 000					
Estimated savings, unobligated balance.....			69, 869				
Total estimate or appropriation.....	7, 000, 000	2, 923, 867	2, 264, 026				

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## WHITE PINE BLISTER RUST CONTROL

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
White pine blister rust control:								
Bureau of Entomology and Plant Quarantine.....	19	\$19,950	12	\$3,600	\$16,350	49	\$11,000	Transportation of supervisory and technical personnel directing white pine blister rust control activities.
Forest Service.....	2	2,100			2,100		300	Do.
Department of the Interior.....	4	4,200			4,200	1	1,750	Do.
Total.....	25	26,250	12	3,600	22,650	50	13,050	

## FOREST SERVICE

## SALARIES AND EXPENSES

## Salaries and Expenses, Forest Service—

For the employment of persons and means in the District of Columbia and elsewhere, including not to exceed **[\$842,861]** \$991,673 for departmental personal services in the District of Columbia, and not to exceed \$10,000 for employment pursuant to the second sentence of section 706 (a) of the Department of Agriculture Organic Act of 1944 (5 U. S. C. 574), the maintenance, repair, and operation of one passenger automobile in the District of Columbia, and to enable the Secretary to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building purchased, erected, or as improved, exclusive of the cost of constructing a water-supply or sanitary system and of connecting the same with any such building, and exclusive of the cost of any tower upon which a look-out house may be erected, shall not exceed \$10,000, with the exception that any building erected, purchased, or acquired, the cost of which was \$10,000 or more, may be improved out of the appropriations made under this Act for the Forest Service by an amount not to exceed 2 per centum of the cost of such building as certified by the Secretary; to protect, administer, and improve the national forests, including tree planting and other measures to prevent erosion, drift, surface wash, soil waste, and the formation of floods, and to conserve water; to ascertain the natural conditions upon and utilize the national forests, to transport and care for fish and game supplied to stock the national forests or the waters therein; to collate, digest, report, and illustrate the results of experiments and investigations

made by the Forest Service; to purchase lawbooks, reference and technical books, and technical journals for officers of the Forest Service stationed outside of Washington: *Provided further*, That not to exceed \$1,500 may be expended for the contribution of the United States to the cost of the office of the secretariat of the International Union of Forest Research Stations and of the Department of Timber Utilization of the Comité International du Bois, as follows: (5 U. S. C. 511-512—establishing the Department of Agriculture; 524—establishing the Bureau of Forestry. The foregoing citations apply to all appropriation items under the Service which are not based upon specific legislative authority either incorporated in the language of the item or cited immediately thereunder; 565a; 16 U. S. C. 471-583, 583a-583i; 31 U. S. C. 534; Act of June 20, 1910, Public Law 219; Act of May 5, 1945, Public Law 52.)

General administrative expenses: For necessary expenses for general administrative purposes, including the salary of the Chief Forester at **[\$9,200]** \$10,000 per annum, for the necessary expenses of the National Forest Reservation Commission as authorized by section 14 of the Act of March 1, 1911 (16 U. S. C. 514), and for other personal services in the District of Columbia, **[\$542,000]** \$610,000. (5 U. S. C. 673; Act of June 30, 1945, Public Law 106; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$610,000

Appropriated 1946, \$542,000

By objects	Obligations			
	Estimate, 1947		Estimate, 1946	
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary
Professional service:				
Grade 9. Excess of \$9,800:				
Chief, Forest Service.....	1	\$10,000	1	\$10,000
Grade 8. Range \$3,750 to \$9,800:				
Assistant chief.....	4	35,786	4	35,132
			2.4	18,467



## FOREST SERVICE—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Forest Service—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
PERSONAL SERVICES, DEPARTMENTAL—CON.						
Professional service—Continued						
Grade 7. Range \$7,175 to \$8,225:						
Associate chief.....					0.8	\$5,625
Assistant chief.....	1	\$7,700	1	\$7,700	2.6	18,837
Engineer.....	0.5	3,719	0.5	3,719		
Grade 6. Range \$6,230 to \$7,070:						
Assistant to chief.....	1	7,070	1	7,070	1	6,400
Engineer.....					0.5	3,164
Forester.....	1	7,070	1	7,070	1	6,400
Inspector.....	1	6,440	1	6,440	1	5,600
Fire prevention specialist.....					1	6,400
Grade 5. Range \$5,180 to \$6,020:						
Architect.....	1	6,020	1	6,020	0.9	4,983
Engineer.....	0.5	3,010	0.5	3,010	0.8	4,440
Forester.....	4.4	24,556	4.4	24,416	4.4	20,745
Information specialist.....	1	5,810	1	5,810	1	5,100
Grade 4. Range \$4,300 to \$5,180:						
Editor.....	1.8	8,620	1.8	8,620	1.8	6,857
Information specialist.....	2	9,370	2	9,370	2.3	9,431
Grade 3. Range \$3,640 to \$4,300:						
Cartographic engineer.....	1	3,970	1	3,970	1	3,400
Forest ecologist.....					1	3,475
Information specialist.....	1	3,750	1	3,750	0.5	1,698
Grade 2. Range \$2,980 to \$3,640:						
Clerical, administrative, and fiscal service:	3	10,370	3	10,316	3	8,642
Grade 15. Range \$8,750 to \$9,800:						
Assistant chief.....	1	8,750	1	8,750	0.3	2,354
Grade 14. Range \$7,175 to \$8,225:						
Assistant chief.....					0.7	5,312
Grade 13. Range \$6,230 to \$7,070:						
Forester.....	3	21,000	3	20,948	3	18,800
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer.....	5	28,100	5	27,965	5.2	25,850
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer.....	3	14,220	3	14,220	3.4	14,216
Fiscal accountant.....	1	4,740	1	4,685	1	4,000
Fiscal inspector.....	3	13,560	3	13,560	0.5	1,778
Motion picture director.....	1	4,960	1	4,905	1	4,200
Motion picture editor specialist.....					0.4	1,814
Special writer.....					0.5	2,077
Grade 10. Range \$3,970 to \$4,630:						
Information officer.....					0.6	2,200
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	3	11,432	3	11,365	1.8	5,666
Exhibit designer.....	1	4,190	1	4,162	1	3,575
Fiscal accountant.....	1	3,860	1	3,832	0.8	2,493
Investigator.....	1	3,750	1	3,750	1	3,200
Visual information specialist.....	1	4,190	1	4,135	0.4	1,350
Grade 8. Range \$3,310 to \$3,970:						
Engineer.....	3	10,920	3	10,809	3.2	9,982
Grade 7. Range \$2,980 to \$3,640:						
Engineer.....	8	25,600	8	25,301	7.7	22,523
Grade 6. Range \$2,650 to \$3,310:						
Engineer.....	5	14,790	5	14,679	6	15,339
Grade 5. Range \$2,320 to \$2,980:						
Engineer.....	24.5	63,560	24.5	62,875	24.5	54,827
Grade 4. Range \$2,100 to \$2,496:						
Engineer.....	33	74,811	33	74,442	33.1	62,510
Grade 3. Range \$1,902 to \$2,298:						
Engineer.....	17	35,370	17	35,215	16.4	28,131
Grade 2. Range \$1,704 to \$2,100:						
Engineer.....	6	10,818	6	10,764	5.7	8,480
Grade 1. Range \$1,506 to \$1,902:						
Engineer.....	1	1,506	1	1,506	1	1,560
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Engineer.....	1	3,640	1	3,640	0.7	2,090
Grade 7. Range \$2,650 to \$3,310:						
Engineer.....	2	6,208	2	6,150	2.1	5,262
Grade 6. Range \$2,320 to \$2,980:						
Engineer.....	1	2,540	1	2,513	1	2,046
Crafts, protective, and custodial service:						
Grade 4. Range \$1,776 to \$2,166:						
Engineer.....	1	2,034	1	1,984	1	1,635
Grade 3. Range \$1,572 to \$1,902:						
Engineer.....	13	22,020	13	21,892	10.5	14,575
Grade 2. Range \$1,440 to \$1,770:						
Engineer.....	1	1,440	1	1,440	2.9	3,351
Total permanent, departmental.....	165.7	551,270	165.7	547,930	165.4	480,060
W. A. E. employment, departmental.....	1	1,788	1	1,788	4.1	5,888
W. O. C. employment, departmental.....	1	0	1	0	1	0
Overtime pay, departmental.....				10,340		81,840
01 Personal services (net).....	167.7	553,058	167.7	560,058	170.5	567,788
OTHER OBLIGATIONS						
02 Travel.....		20,990		20,990		28,745
03 Transportation of things.....		4,500		4,500		4,385
04 Communication services.....		11,500		11,500		11,322
05 Rents and utility services.....		500		500		487
07 Other contractual services.....		10,500		10,500		10,518
08 Supplies and materials.....		10,252		10,252		15,643
09 Equipment.....		700		700		744
Total other obligations.....		58,942		58,942		71,844
Grand total obligations.....		612,000		619,000		639,632
Reimbursements for services performed.....		-2,000		-2,000		-15,500
Net total obligations.....		610,000		617,000		624,132
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+220
Excess of obligations over appropriation due to Public Law 106.....				-75,000		
Estimated savings, unobligated balance.....						648
Total estimate or appropriation.....		610,000		542,000		625,000

National forest protection and management: For the administration, protection, use, maintenance, improvement, and development of the national forests, including the establishment and maintenance of forest tree nurseries, including the procurement of tree seed and nursery stock by purchase, production, or otherwise, seeding and tree planting and the care of plantations and young growth; the operation and maintenance of airplanes and the purchase of not to exceed [eight] four; the maintenance of roads and trails and the construction and maintenance of all other improvements necessary for the proper and economical administration, protection, development, and use of the national forests, including experimental areas under Forest Service administration, except that where, in the opinion of the Secretary, direct purchases will be more economical than construction, improvements may be purchased; the construction (not to exceed \$10,000 for any one structure), equipment, and maintenance of sanitary and recreational facilities; control of destructive forest tree diseases and insects; timber cultural operations; development and application of fish and game management plans; propagation and transplanting of plants suitable for planting on semiarid portions of the national forests; estimating and appraising of timber and other resources and development and application of plans for their effective management, sale, and use; examination, classification, surveying, and appraisal of land incident to effecting exchanges authorized by law and of lands within the boundaries of the national forests that may be opened to homestead settlement and entry under the Act of June 11, 1906, and the Act of August 10, 1912 (16 U. S. C. 506-509), as provided by the Act of March 4, 1913 (16 U. S. C. 512); investigation and establishment of water rights, including the purchase thereof or of lands or interests in lands or rights-of-way for use and protection of water rights necessary or beneficial in connection with the administration and public use of the national forests; and all expenses necessary for the use, maintenance, improvement, protection, and general administration of the national forests; [\$16,649,100] \$20,915,000. (16 U. S. C. 471-583i; Act of May 5, 1945, Public Law 52; Act of Dec. 28, 1945, Public Law 269.)

Estimate 1947, \$20,915,000

Appropriated 1946, \* \$16,949,100

\* Includes \$300,000 appropriated in the First Deficiency Appropriation Act, 1946.

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
PERSONAL SERVICES, DEPARTMENTAL						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Forester.....	3	\$22,049	3	\$21,934	0.5	\$3,521
Grade 6. Range \$6,230 to \$7,070:						
Biologist.....	1	6,440	1	6,370	1.1	6,517
Forester.....	4.8	30,954	4.8	30,919	4.6	27,533
Grazing inspector.....					0.8	5,333
Topographic engineer.....	1	6,650	0.5	3,255		
Fire prevention specialist.....	1	7,070	1	7,070		
Grade 5. Range \$5,180 to \$6,020:						
Range examiner.....	2.6	13,678	1.8	9,446	1.9	9,240
Forester.....	2	11,410	2	11,322	2	10,000
Engineer.....	1	5,390	0.5	2,695		
Grade 4. Range \$4,300 to \$5,180:						
Forester.....	1	4,520	1	4,520	1	3,900
Grade 3. Range \$3,640 to \$4,300:						
Engineer.....	2	7,280	1	3,640		
Grade 2. Range \$2,980 to \$3,640:						
Engineer.....	1	2,980	0.5	1,490		
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer.....	1	5,810	1	5,757	1	5,000
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	1	3,750	1	3,750	1	3,200
Grade 7. Range \$2,980 to \$3,640:						
Engineer.....	1	3,090	1	3,090	0.1	348
Grade 6. Range \$2,650 to \$3,310:						
Engineer.....	2	6,070	2	6,015		
Grade 5. Range \$2,320 to \$2,980:						
Engineer.....	5	13,140	5	13,112	2.1	4,650
Grade 4. Range \$2,100 to \$2,496:						
Engineer.....	9.5	20,280	4.5	9,725	3.1	6,019
Grade 3. Range \$1,902 to \$2,298:						
Engineer.....	5	9,806	2.5	5,018	0.7	1,330
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980:						
Engineer.....	1	2,320	0.5	1,160		
Total permanent, departmental.....	45.9	182,687	34.6	150,338	19.9	86,591
W. A. E. employment, departmental.....						20
Overtime pay, departmental.....				2,036		11,400
All personal services, departmental.....	45.9	182,687	34.6	152,374	19.9	98,011
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director, tropical forestry unit.....	0.4	2,870	0.4	2,870	0.2	1,300
Regional forester.....	10	76,160	10	75,825	10.7	73,004
Grade 6. Range \$6,230 to \$7,070:						
Assistant regional forester.....	54.7		54.7		53.6	
Associate regional forester.....	1	363,669	1	365,893		314,731
Economist.....	1	7,070	1	7,070	1.4	8,730
Forester.....	1	6,440	1	6,440	1	5,750
Forester.....	1	6,860	1	6,807	0.6	3,360



By objects	Obligations			By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945		Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, FIELD—continued				PERSONAL SERVICES, FIELD—continued			
Professional service—Continued	Man- Total	Man- Total	Man- Total	Clerical, administrative, and fiscal service—Continued	Man- Total	Man- Total	Man- Total
Grade 5. Range \$5,180 to \$6,020:	years salary	years salary	years salary	Grade 6. Range \$2,650 to \$3,310	years salary	years salary	years salary
Assistant to assistant regional forester	5.7 \$33,390	5.7 \$33,057	7.6 \$39,776	35.5	35.5	32.8	
Civil engineer	2 11,830	2 11,725	2 10,200	\$103,260	\$102,349	\$81,706	
Forester	32.5	32.5	30	Grade 5. Range \$2,320 to \$2,980	121.5	110.6	
Forest supervisor	117.1	117.1	103.2	307,400	303,718	235,977	
Information specialist	2 11,200	2 11,147	1.9 9,283	Grade 4. Range \$2,100 to \$2,496	204	187.8	
Logging engineer	3 17,430	3 17,324	2.9 14,967	447,408	442,721	358,923	
Radio engineer	1 5,390	1 5,390	1 4,600	333.7	323.7	321.2	
Range examiner	9.3 51,240	9.3 50,878	8.8 40,861	674,832	651,636	547,511	
Silviculturist	2 10,570	2 10,459	0.8 3,871	Grade 2. Range \$1,704 to \$2,100	160.2	142.3	
Structural engineer			0.3 1,380	286,854	285,087	212,054	
Topographic engineer	1 5,180			12.9 20,325	12.9 20,191	13.9 17,575	
Training and safety officer	2 10,570	2 10,513	1.8 8,855	Grade 1. Range \$1,506 to \$1,902			
Grade 4. Range \$4,300 to \$5,180:				Subprofessional service:			
Forester	43.1	43.1	46.3	Grade 8. Range \$2,980 to \$3,640	227.1	224.1	
Forest supervisor	18.8	18.8	30.8	767,651	752,076	732,223	
Assistant forest supervisor	21.8	21.8	17.9	310.6	295.6	286.6	
Information specialist	103,890	102,903	69,110	885,270	836,719	682,035	
Landscape architect	1.5 6,670	1.5 6,670	1 3,867	303.2	287.7	276.7	
Biologist	1 4,960	1 4,850	1 4,200	748,480	704,111	572,837	
Range examiner	1 4,740	1 4,545	1 3,850	332.3	321.3	316.8	
Architectural engineer	3 13,780	3 13,780	2.6 10,423	727,635	700,785	580,716	
Civil engineer	1 4,960	1 4,900	1.9 7,683	222.1	222.1	224.7	
Communications engineer	2.1 10,218	2.1 10,212	3 12,371	445,422	442,577	371,732	
Equipment engineer	1 4,520	1 4,520	1 3,800	194	158	160.7	
Logging engineer	3.5 15,711	3.5 15,711	3.9 15,501	345,624	282,550	235,757	
Topographic engineer	2.8 13,272	2.8 13,101	3 12,225	0.2 315	0.2 315	0.9 1,180	
Airplane pilot	7.5 35,770	4.5 22,815	4 17,396	Grade 10. Range \$2,980 to \$3,640	23.8 74,840	23.8 74,158	18.6 49,763
Architect	1.4 7,032	1.4 6,907	1 4,000	Grade 9. Range \$2,650 to \$3,310	9 26,270	9 26,090	10.2 24,685
Engineer	1.8 7,965	1.8 7,965	1 4,000	Grade 8. Range \$2,540 to \$3,200	22.7 61,618	22.7 60,877	24.5 55,629
Exhibits assistant	4 18,300	4 18,098	2.5 9,886	Grade 7. Range \$2,364 to \$2,870	30.2 72,792	30.2 72,348	28.4 59,000
Silviculturist	1 4,960	1 4,805	1 4,200	Grade 6. Range \$2,166 to \$2,562	17.2 39,169	17.2 38,896	21.1 39,246
Training and safety officer	1.4 6,548	1.4 6,493	1.3 5,533	Grade 5. Range \$1,968 to \$2,364	1 1,968	1 1,968	1.5 2,668
Grade 3. Range \$3,640 to \$4,300:	2.5 11,080	2.5 11,025	2.3 8,867	Grade 4. Range \$1,770 to \$2,166	23.9 44,448	23.9 44,100	22.7 35,085
Airplane pilot	1.4 5,470	1.4 5,421	0.6 2,131	Grade 3. Range \$1,572 to \$1,902	11.3 18,879	11.3 18,746	12.1 16,504
Automotive engineer	2 7,940	2 7,885	1.7 5,625	Grade 2. Range \$1,440 to \$1,770	15.5 22,815	15.5 22,650	18.8 22,560
Civil engineer	6.2 24,658	6.2 24,330	7.2 25,272	Grade 1. Range \$864 to \$1,152	0.2 173	0.2 173	
Communications engineer	2 7,720	2 7,720	2 6,600	Unclassified	429.6	429.6	
Construction engineer	2.5 9,760	2.5 9,643	2.8 9,243	909,066	909,066	869,928	
Logging engineer	2.2 8,448	2.2 8,336	3.3 11,210	Total permanent, field	4,668.1	4,491.5	4,372.7
Topographic engineer	15.9 60,010	4.9 19,819	4.8 17,316	13,505,781	12,954,428	10,847,801	
Forester	133.3	133.3	128	Temporary employment, field	1,898.1	1,464.6	1,314.7
Information specialist	508,708	504,628	424,310	3,564,120	2,757,365	2,143,804	
Landscape architect	2 7,610	2 7,610	1 3,200	Part-time employment, field	69.9 37,743	69.9 37,743	65.1 29,302
Range examiner	3 11,800	3 11,675	2.2 7,327	W. A. E. employment, field	198.6	198.6	159.8
Assistant forest supervisor	26.5	22.5	16	325,184	325,184	234,990	
Fire control officer	59.7	59.7	55.9	0	0	5	
Assistant regional training officer	4.2 16,388	4.2 16,210	4.3 13,917	Casual employment, field	342.7	342.7	369.6
Architect	0.5 1,930	0.5 1,930	0.1 320	577,372	577,372	556,955	
Conservationist	0.2 860	0.2 860	1 3,400	Overtime pay, field	2,293	607,326	2,759,035
District forest ranger	1 3,860	1 3,801	1 3,250	Night-work differential, field	42,586	2,293	
Engineer	717,190	711,737	391,618	Additional pay for foreign service, field		42,586	36,981
Exhibit designer	4.4 17,160	4.4 17,049	5.2 17,906	All personal services, field	7,182.4	6,572.3	6,286.9
Nurseryman	1 3,970	1 3,970	1 3,475	18,055,079	17,304,297	16,608,868	
Parachute project administrative officer	5 18,200			Total, departmental and field	7,228.3	6,606.9	6,306.8
Photographer	0.7 2,548	0.7 2,548	0.9 2,933	Deduct quarters and subsistence furnished	18,237,766	17,456,671	16,706,879
Radio engineer	3 11,140	3 11,037	2.2 7,066	253,804	253,804	241,053	
Grade 2. Range \$2,980 to \$3,640	446.9	407.4	425.9	01 Personal services (net)	7,228.3	6,606.9	6,306.8
Grade 1. Range \$2,320 to \$2,980	83.6	61.6	54.7	17,983,962	17,202,867	16,465,826	
Clerical, administrative, and fiscal service:				OTHER OBLIGATIONS			
Grade 13. Range \$6,230 to \$7,070:				02 Travel	727,271	632,300	612,600
Regional fiscal agent	3.8 23,684	3.8 23,684	2.2 12,366	03 Transportation of things	200,700	175,200	161,548
Grade 12. Range \$5,180 to \$6,020:				04 Communication services	157,620	155,300	144,515
Regional fiscal agent	6.2 34,090	6.2 33,792	7.9 38,295	05 Rents and utility services	364,100	353,000	344,648
Administrative officer	5 26,530	5 26,257	3.4 15,640	07 Other contractual services	477,222	485,100	497,601
Supply officer	1 5,390	1 5,390	1 4,600	08 Supplies and materials	2,892,424	2,554,505	2,520,357
Grade 11. Range \$4,300 to \$5,180:				09 Equipment	2,069,080	1,934,480	1,902,564
Administrative officer	10 45,860	10 45,667	11.2 43,707	10 Lands and structures	4,265	4,265	5,011
Deputy regional fiscal agent	9.2 43,520	9.2 43,159	9.4 39,631	11 Grants, subsidies, and contributions	132	132	132
Parachute rigger	1 4,740	1 4,630	1 3,986	13 Refunds, awards, and indemnities			240
Visional educational officer	1 5,180	1 5,180	1 4,450	Total other obligations	6,892,814	6,294,282	6,189,216
Regional law enforcement officer	1 4,300	1 4,300	0.1 380	Grand total obligations	24,876,776	23,497,149	22,655,042
Grade 10. Range \$3,970 to \$4,630:				Reimbursements for services performed	-3,961,776	-3,998,049	-4,406,512
Editor				Transferred to—			
Inspector of accounts	1 4,190	1 4,185	0.8 3,136	“Salaries and expenses, Office of Information, Department of Agriculture”			+4,847
Administrative officer	2.5 10,695	2.5 10,641	3.3 12,474	“Salaries and expenses, Forest Service,” forest resources investigations			+16,700
Regional fiscal inspector	2.5 10,365	2.5 10,218	2.6 9,117	Net total obligations	20,915,000	19,499,100	18,270,077
Property and supply officer	1 3,970	1 3,970		Covered into Treasury as miscellaneous receipts, Public Law 529			+6,200
Grade 9. Range \$3,640 to \$4,300:				Excess of obligations over appropriation due to Public Law 106		-2,550,000	
Information specialist	1.7 6,938	1.7 6,938	1.7 6,242	Estimated savings, unobligated balance			49,149
Exhibition assistant	1 3,750	1 3,711		Total estimate or appropriation	20,915,000	16,949,100	18,325,426
Regional fiscal accountant	4.8 17,824	4.8 17,660	5.8 19,353	BY PROJECTS OR FUNCTIONS			
Regional auditor	6.5 25,040	6.5 24,883	6.8 22,552	1. General management, operation, and regulation of national forest properties, including enforcement of Federal laws and regulations applicable to the national forests	\$6,135,913	\$6,092,491	\$5,328,979
Administrative assistant	101.5	101.5	91.6				
Fire prevention specialist	1 3,860	1 3,833	1 3,250				
Superintendent of construction			0.2 640				
Regional law enforcement officer			0.6 1,948				
Grade 8. Range \$3,310 to \$3,970	42.8	42.8	41.3				
Grade 7. Range \$2,980 to \$3,640	56.5	56.5	56.1				
	181,185	179,452	153,874				



## FOREST SERVICE—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Forest Service—Continued

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
2. Maintenance of improvements other than roads and trails (includes telephone lines, fences, lookout towers and observatories, firebreaks, offices, barns, garages, dwellings, outhouses, water developments, pipe lines, public camp grounds, landing fields, etc.)	\$1, 649, 389	\$1, 140, 889	\$967, 404
3. Forest fire control, including prevention of fires and maintenance of a detection and "smoke chaser" organization	6, 153, 335	6, 131, 301	5, 489, 505
4. Control of tree-destroying insects and rodents on national forests	98, 787	98, 787	98, 763
5. Timber and forest products sales, free and administrative timber use, timber surveys, management plans, and timber-stand improvement	3, 044, 502	3, 027, 202	2, 339, 561
6. Allocation and issuance of grazing permits, supervision of range use by domestic livestock, control of poisonous plants, range surveys, and range-management plans on national forests	712, 102	607, 580	423, 470
7. Protection of the wildlife resources, preservation of forest conditions conducive to the propagation of wildlife, reduction in number of game animals in overstocked areas, wildlife surveys, and management plans	126, 689	125, 969	112, 631
8. Enforcement of sanitary laws, garbage disposal, policing, and other requisite measures for safeguarding health and safety of national forest users	313, 805	212, 723	149, 299
9. Land-use management on national forests, including rental of land; land classification; action on claims entered under public land laws; location and posting of national forest boundaries; general surveys, plans and maps, aerial photography; land exchange	1, 181, 954	697, 514	422, 650
10. Protection, development, and management of water resources of the national forests	37, 030	36, 761	32, 825
11. Construction of improvements other than roads and trails (includes telephone lines, fences, lookout towers and observatories, firebreaks, offices, barns, garages, dwellings, outhouses, water developments, pipe lines, public camp grounds, landing fields, etc.)	71, 684	71, 484	69, 363
12. Reforestation and revegetation of denuded national forest areas, including plantation care	1, 384, 810	683, 310	245, 802
13. Services performed for other agencies	3, 961, 776	3, 961, 776	4, 204, 355
14. Overtime pay		609, 362	2, 770, 435
Grand total obligations	24, 876, 776	23, 497, 149	22, 655, 042
Adjustments (see objects schedule for detail)	-3, 961, 776	-6, 548, 049	-4, 329, 616
Total estimate or appropriation	20, 915, 000	16, 949, 100	18, 325, 426

Fighting forest fires: For fighting and preventing forest fires on or threatening lands under Forest Service administration, including lands under contract for purchase or in process of condemnation for Forest Service purposes, \$100,000, which amount shall also be available for meeting obligations of the preceding fiscal year. (16 U. S. C. 551, 553, 579a; 31 U. S. C. 534; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$100,000

Appropriated 1946, \$100,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, FIELD			
Professional service:			
Grade 3. Range \$3,640 to \$4,300:			
Engineer			0.1 \$320
Grade 1. Range \$2,320 to \$2,980			0.2 460
Clerical, administrative, and fiscal service:			
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant			0.1 330
Grade 7. Range \$2,980 to \$3,640			0.4 1,280

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, FIELD—continued			
Clerical, administrative, and fiscal service—Continued			
Grade 5. Range \$2,320 to \$2,980			0.1 \$236
Grade 4. Range \$2,100 to \$2,496			0.2 432
Grade 3. Range \$1,902 to \$2,298			0.1 203
Grade 2. Range \$1,704 to \$2,100			1 1,555
Grade 1. Range \$1,506 to \$1,902			0.1 144
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640			0.3 839
Grade 7. Range \$2,650 to \$3,310			2.9 7,434
Grade 6. Range \$2,320 to \$2,980			2.9 6,343
Grade 5. Range \$2,100 to \$2,496			6.5 13,868
Grade 4. Range \$1,902 to \$2,298			7.5 13,131
Grade 3. Range \$1,704 to \$2,100			6.7 9,854
Crafts, protective, and custodial service:			
Grade 10. Range \$2,980 to \$3,640			0.1 304
Grade 9. Range \$2,650 to \$3,310			0.6 1,626
Grade 8. Range \$2,540 to \$3,200			0.7 1,960
Grade 7. Range \$2,364 to \$2,870			1.7 3,917
Grade 6. Range \$2,166 to \$2,562			1.6 3,006
Grade 4. Range \$1,770 to \$2,166			0.7 1,209
Unclassified			5.8 13,036
Total permanent, field			40.3 81,537
Temporary employment, field			64.9 149,014
Part-time employment, field			0.4 413
W. A. E. employment, field			17.3 31,330
Casual employment, field	50 \$85,000	50 \$85,000	594.2 886,739
Overtime pay, field			92,398
All personal services, field	50 85,000	50 85,000	717.1 1,241,431
Deduct quarters and subsistence furnished			1,863
01 Personal services (net)	50 85,000	50 85,000	717.1 1,239,568
OTHER OBLIGATIONS			
02 Travel	800	800	21,567
03 Transportation of things	5,000	5,000	84,045
04 Communication services	400	400	6,960
05 Rents and utility services	800	800	12,223
07 Other contractual services	4,000	4,000	120,694
08 Supplies and materials	21,500	21,500	360,349
09 Equipment	1,500	1,500	65,252
11 Grants, subsidies, and contributions	6,000	6,000	115,988
Total other obligations	40,000	40,000	787,078
Grand total obligations	125,000	125,000	2,026,646
Reimbursements for services performed	-25,000	-25,000	-50,667
Net total obligations	100,000	100,000	1,975,979
Covered into Treasury as miscellaneous receipts, Public Law 529			+30
Estimated savings, unobligated balance			82,991
Total estimate or appropriation	100,000	100,000	2,059,000
BY PROJECTS OR FUNCTIONS			
1. Fire suppression	\$100,000	\$100,000	\$1,723,475
2. Protection of unappropriated public lands			160,106
3. Services performed for other agencies	25,000	25,000	50,667
4. Overtime pay			92,398
Grand total obligations	125,000	125,000	2,026,646
Adjustments (see objects schedule for detail)	-25,000	-25,000	+32,354
Total estimate or appropriation	100,000	100,000	2,059,000

Forest research: For forest research in accordance with the provisions of sections 1, 2, 7, 8, 9, and 10 of the Act entitled "An Act to insure adequate supplies of timber and other forest products for the people of the United States, to promote the full use for timber growing and other purposes of forest lands in the United States, including farm wood lots and those abandoned areas not suitable for agricultural production, and to secure the correlation and the most economical conduct of forest research in the Department of Agriculture through research in reforestation, timber growing, protection, utilization, forest economics, and related subjects", approved May 22, 1928, as amended (16 U. S. C. 581, 581a, 581f-581i), as follows:

Forest and range management investigations: Fire, silvicultural, watershed, and other forest investigations and experiments under said section 2, as amended, and investigations and experiments to develop improved methods of management of forest and other ranges under section 7, at forest or range experiment stations or elsewhere, \$970,900. (16 U. S. C. 581a, 581f; Act of May 5, 1945, Public Law 52.)



## Estimate 1947, \* \$1,706,000

## Appropriated 1946, \$970,900

\* Includes \$374,165 transferred from "Salaries and expenses, Forest Service," range investigations. For comparative purposes the amounts appropriated for 1945 and 1946 are shown in the schedule as transfers.

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Ecologist.....	1	\$7,437	0.9	\$6,405		
Grade 6. Range \$6,230 to \$7,070:						
Dendrologist.....	1	6,440	1	6,440	1	\$5,750
Ecologist.....	1	6,230	0.9	5,520		
Inspector in grazing.....			0.1	805	1	6,400
Silviculturist.....	2	13,510	2	13,510	2	12,000
Grade 5. Range \$5,180 to \$6,020:						
Forest ecologist.....	1	5,180	1.1	5,895	1	4,600
Forester.....	2	11,200	1	6,020		
Silviculturist.....	1	5,180	1	5,180	0.3	1,533
Grade 3. Range \$3,640 to \$4,300:						
Forest ecologist.....	2	8,270	2	8,216	1.7	5,898
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	1	4,300	1	4,300		
Grade 7. Range \$2,980 to \$3,640:						
Ecologist.....	1	3,640	1	3,613	0.7	2,300
Grade 5. Range \$2,320 to \$2,980:						
Ecologist.....	4.5	12,395	4.5	12,395	3.6	9,078
Grade 4. Range \$2,100 to \$2,496:						
Ecologist.....	6.4	14,718	6.4	14,718	5	10,159
Grade 3. Range \$1,902 to \$2,298:						
Ecologist.....	3	5,706	2	3,804	0.4	603
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496:						
Ecologist.....	1	2,100	1	2,100	0.4	751
Grade 4. Range \$1,902 to \$2,298:						
Ecologist.....					0.6	1,057
Total permanent, departmental.....	27.9	106,306	25.9	98,921	17.7	60,129
W. A. E. employment, departmental.....	0.6	1,320	0.6	1,320	0.3	516
Overtime pay, departmental.....						9,716
All personal services, departmental.....	28.5	107,626	26.5	102,057	18	70,361
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director, forest experiment station.....	8.8	65,567	8.8	64,464	7.1	46,769
Grade 6. Range \$6,230 to \$7,070:						
Acting director.....	0.5	3,430	0.5	3,430		
Assistant director, forest experiment station.....	1	5,810	1	5,810	1	5,200
Associate director, forest experiment station.....	0.2	1,396	0.2	1,396		
Director, forest experiment station.....	1.3	8,275	1.3	8,275	1.2	6,897
Silviculturist.....	7.7	51,191	7.7	50,878	5.5	32,197
Forest ecologist.....	0.8	5,236	0.8	5,236		
Grade 5. Range \$5,180 to \$6,020:						
Conservationist.....	1.8	9,324	0.8	4,144		
Forester.....	11.8	62,036	10.8	56,856	2	9,800
Forest ecologist.....	7.8	42,543	6.8	37,138	5.3	26,103
Forest economist.....	0.2	1,167	0.2	1,167	0.4	1,964
Geneticist.....	0.3	1,806	0.3	1,806	0.5	2,350
Range examiner.....	1.3	7,734	1.3	7,734	1.4	7,061
Silviculturist.....	13.7	74,835	12.7	69,388	11	53,570
Grade 4. Range \$4,300 to \$5,180:						
Conservationist.....	1.2	5,336	0.2	1,036	1	4,000
Engineer.....					0.3	1,267
Forest ecologist.....	3.5	15,133	2.5	10,833	0.7	2,660
Forester.....	7.4	32,070	6.4	27,520	1.1	4,975
Geneticist.....	1	4,960	1	4,960	1	4,300
Physicist.....	1	4,300	1	4,300	0.2	783
Range examiner.....	2.7	12,977	1.7	8,677	1.9	8,010
Silviculturist.....	15.6	71,677	14.6	67,195	9.4	37,975
Grade 3. Range \$3,640 to \$4,300:						
Engineer.....	1	3,640	1	3,640	0.4	1,417
Forest ecologist.....	16.4	60,836	14.4	53,406	7.6	23,185
Forester.....	14.1	52,065	13.1	48,408	6.3	20,717
Meteorologist.....					0.7	2,447
Range examiner.....	3	11,525	2	7,885	2	6,750
Silviculturist.....	21.1	79,137	19.1	71,292	10	33,674
Grade 2. Range \$2,980 to \$3,640:						
Ecologist.....	30.3	92,110	20.3	61,996	14.6	39,976
Grade 1. Range \$2,320 to \$2,980:						
Ecologist.....	24.3	57,455	14.3	33,965	7	14,155
Clerical, administrative, and fiscal service:						
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer.....	1	4,190	1	4,190	0.5	1,850
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	4	16,624	4	16,540	4.1	14,035
Grade 7. Range \$2,980 to \$3,640:						
Ecologist.....	5.4	17,747	5.4	17,579	3.3	9,525
Grade 6. Range \$2,650 to \$3,310:						
Ecologist.....					1	2,700
Grade 5. Range \$2,320 to \$2,980:						
Ecologist.....	19.2	49,506	16.2	42,359	10.9	24,376
Grade 4. Range \$2,100 to \$2,496:						
Ecologist.....	21.6	47,818	16.6	37,137	12.4	23,526
Grade 3. Range \$1,902 to \$2,298:						
Ecologist.....	30.1	58,933	26.1	51,125	14.6	24,513
Grade 2. Range \$1,704 to \$2,100:						
Ecologist.....	5.8	10,019	5.8	9,994	5.6	7,968
Grade 1. Range \$1,506 to \$1,902:						
Ecologist.....					0.4	525
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Ecologist.....	0.8	2,700	0.8	2,700	0.8	2,258
Grade 7. Range \$2,650 to \$3,310:						
Ecologist.....	4.9	13,342	4.9	13,189		
Grade 6. Range \$2,320 to \$2,980:						
Ecologist.....	3.4	8,134	3.4	8,050	2.6	5,275
Grade 5. Range \$2,100 to \$2,496:						
Ecologist.....	14.1	29,710	6.1	12,864	3.5	6,348
Grade 4. Range \$1,902 to \$2,298:						
Ecologist.....	23.5	44,964	17.5	33,462	1.9	3,194
Grade 3. Range \$1,704 to \$2,100:						
Ecologist.....	4	7,739	4	7,278	1.1	1,584
Grade 2. Range \$1,572 to \$1,968:						
Ecologist.....	2.8	4,603	2.8	4,571	0.2	264
Grade 1. Range \$1,440 to \$1,836:						
Ecologist.....	0.9	1,320	0.9	1,320	0.2	240
Crafts, protective, and custodial service:						
Grade 4. Range \$1,770 to \$2,166:						
Ecologist.....	1	1,836	1	1,836	0.7	1,125
Grade 3. Range \$1,572 to \$1,902:						
Ecologist.....	1.8	3,200	1.8	3,168	2.1	2,787
Grade 2. Range \$1,440 to \$1,770:						
Ecologist.....	2.7	3,928	2.7	3,901	1.1	1,327

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD—continued</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Unclassified.....	8	\$8,850	8	\$8,850	4.9	\$5,076
Total permanent, field.....	354.8		293.8		171.5	
Temporary employment, field.....	1,178,404		1,002,948		538,698	
Part-time employment, field.....	59.7	85,989	41.7	73,029	8.1	12,622
W. A. E. employment, field.....	4.5	4,650	4.5	4,650	3	2,505
W. O. C. employment, field.....	30	37,353	30	37,353	3.9	4,278
Casual employment, field.....	2	0	2	0	2	0
Overtime pay, field.....	4.5	5,350	4.5	5,350	3.6	5,835
Additional pay for foreign service, field.....		5,144		5,144		93,407
All personal services, field.....	455.5		376.5		192.1	
	1,316,890		1,144,487		661,716	
Total, departmental and field.....	484	1,424,516	403	1,246,544	210.1	732,077
Deduct quarters and subsistence furnished.....		8,526		8,526		7,279
01 Personal services (net).....	434	1,415,990	403	1,238,018	210.1	724,798
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		81,095		71,095		54,677
03 Transportation of things.....		14,095		11,595		4,556
04 Communication services.....		10,580		9,580		6,195
05 Rents and utility services.....		30,780		24,780		10,337
07 Other contractual services.....		14,507		11,507		11,379
08 Supplies and materials.....		71,818		63,200		55,034
09 Equipment.....		67,995		38,495		14,743
10 Lands and structures.....		2,300		2,300		599
Total other obligations.....		293,170		232,552		157,520
Grand total obligations.....		1,709,160		1,470,570		882,318
Reimbursements for services performed.....		-3,160		-3,170		-5,828
Received by transfer from—						
“Salaries and expenses, Forest Service”:						
Range investigations.....				-379,600		-288,475
Forest influences.....						-86,762
Net total obligations.....		1,706,000		1,087,800		501,253
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+220
Excess of obligations over appropriation due to Public Law 106.....				-116,900		
Estimated savings, unobligated balance.....						4,875
Total estimate or appropriation.....		1,706,000		970,900		506,348
<b>BY PROJECTS OR FUNCTIONS</b>						
1. Experimental forests and ranges.....		\$695,555		\$443,300		
2. Forest management.....		478,013		476,664		\$406,975
3. Fire control.....		72,099		71,895		56,566
4. Watershed protection and management.....		84,768		83,596		74,400
5. Range management and reseeding.....		375,563		374,126		235,738
6. Services performed for other agencies.....		3,160		3,160		5,516
7. Overtime pay.....				17,829		103,123
Grand total obligations.....		1,709,160		1,470,570		882,318
Adjustments (see objects schedule for detail).....		-3,160		-499,670		-375,970
Total estimate or appropriation.....		1,706,000		970,900		506,348

【Range investigations: Investigations and experiments to develop improved methods of management of forest and other ranges under section 7, at forest or range experiment stations or elsewhere, \$337,500.】 (16 U. S. C. 581f; Act of May 5, 1945, Public Law 52.)

## Appropriated 1946, \$337,500

NOTE.—Appropriation under above subhead transferred to and estimated for under “Salaries and expenses, Forest Service,” forest and range management investigations. For comparative purposes the amounts available for 1945 and 1946 are shown in the schedule as transfers.

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to “Salaries and expenses, Forest Service,” forest and range management investigations.....			
Excess of obligations over appropriation due to Public Law 106.....			
Total estimate or appropriation.....			
		337,500	288,475



## FOREST SERVICE—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Forest Service—Continued

Forest products: Experiments, investigations, and tests of forest products under section 8, at the Forest Products Laboratory, or elsewhere, [\$1,228,900] \$1,385,000. (16 U. S. C. 581g; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,385,000

Appropriated 1946, \$1,228,900

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Chief, Division of forest products	1	\$7,438	1	\$7,438	1.2	\$8,375
Grade 6. Range \$6,230 to \$7,070:						
Ecologist	1	6,860	1	6,860	1	6,200
Forester	1	6,440	1	6,440	1.1	5,712
Forest economist	1	6,440	1	6,440	0.4	2,228
Wood technologist	1	6,440	1	6,440	1	5,600
Grade 5. Range \$5,180 to \$6,020:						
Engineer in forest products					0.5	2,600
Forest economist	1	6,020	1	6,020	1	5,400
Forester	2	10,990	2	10,990	0.6	3,253
Technologist	1	5,180	1	5,180		
Grade 4. Range \$4,300 to \$5,180:						
Wood technologist					0.7	3,720
Grade 3. Range \$3,640 to \$4,300:						
Forest economist	1	3,750	1	3,750	1	3,275
Forest products statistician	1	4,300	1	4,300	1	3,800
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant					1	3,775
Grade 7. Range \$2,980 to \$3,640:					0.3	775
Grade 5. Range \$2,320 to \$2,980:	2	5,082	2	5,028	2	4,475
Grade 4. Range \$2,100 to \$2,496:	4.6	10,624	4.6	10,573	4	8,043
Grade 3. Range \$1,902 to \$2,298:	2	3,804	2	3,804	0.1	148
Grade 2. Range \$1,704 to \$2,100:					0.5	712
Total permanent, departmental	19.6	83,368	19.6	83,263	17.4	68,091
Overtime pay, departmental				1,231		9,723
All personal services, departmental	19.6	83,368	19.6	84,494	17.4	77,814
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director, forest products laboratory	1	7,908	1	7,908	1	7,000
Assistant director	2	15,459	2	15,082	1.9	12,953
Director, forest experiment station	1.1	8,022	1.1	8,022	0.4	2,600
Chemist	1	7,175	1	7,175	0.3	1,954
Head mathematician	0.5	3,845	0.5	3,845	0.7	5,062
Technologist	0.3	2,468	0.3	2,468	0.5	3,302
Grade 6. Range \$6,230 to \$7,070:						
Director, forest experiment station					0.4	2,400
Chemist	1.5	9,651	1.5	9,485	1	5,600
Chemical engineer	1	6,440	1	6,440	1.1	6,280
Consulting engineer	0.7	4,361	0.7	4,361	0.8	4,485
Engineer	3.7	25,743	3.7	25,577	3.5	21,672
Forester	1.9	12,022	1.9	12,022		
Forest products technologist	1.7	10,663	1.7	10,663	1.2	7,150
Plywood technologist	0.7	4,830	0.7	4,830	0.5	2,800
Technologist	5.7	35,559	5.7	35,559	1	5,720
Xylographist	1	7,070	1	7,070	1	6,400
Grade 5. Range \$5,180 to \$6,020:						
Aircraft engineer	0.2	1,036	0.2	1,036		
Chemist	5.4	30,649	5.4	30,649	3.2	16,049
Chemical engineer	0.7	3,626	0.7	3,626	1.4	6,440
Engineer	12.4	71,287	12.4	70,791	7.8	39,077
Forester	6.2	33,265	6.2	33,265	2.3	10,845
Forest products technologist	2	10,466	2	10,466	1.5	7,053
Microscopist	1	6,020	1	6,020	1	5,400
Physicist					0.8	4,095
Silviculturist	1	5,912	1	5,912	0.9	4,767
Technical reviewer	0.5	2,905	0.5	2,905	0.1	460
Technologist	4.4	25,043	4.4	25,043	2.6	12,088
Wood technologist	1.9	10,931	1.9	10,931	1.3	6,288
Grade 4. Range \$4,300 to \$5,180:						
Chemist	4.5	21,850	4.5	21,584	4.6	17,929
Engineer	6.7	31,645	6.7	31,271	6.8	27,414
Forester	1.8	7,932	1.8	7,740	1.4	5,908
Forest products technologist	2.8	12,106	2.8	12,106	0.7	2,723
Industrial specialist	0.7	3,087	0.7	3,087	0.4	1,580
Information specialist	0.5	2,260	0.5	2,260	0.4	1,684
Plastics technologist	1	4,300	1	4,300	0.6	2,280
Silviculturist					0.2	920
Technical writer	0.5	2,260	0.5	2,260	0.2	920
Technologist	2.3	10,217	2.3	10,217	0.6	2,280
Wood technologist	0.5	2,260	0.5	2,260	0.8	3,125
Grade 3. Range \$3,640 to \$4,300:						
Chemical engineer	3.1	12,038	3.1	12,038	2.9	9,758
Chemist	6.1	23,581	6.1	23,409	5.7	18,357
Engineer	11.5	44,464	11.5	44,151	9.1	29,475
Forest ecologist	0.8	3,033	0.8	3,033		
Forest economist					0.3	1,065
Forester	1.1	4,529	1.1	4,475	1.8	6,475
Forest products technologist	1.8	6,663	1.8	6,580	1.9	6,232
Industrial specialist					1	3,200
Information specialist					0.6	1,988
Mathematician	0.6	2,328	0.6	2,328	0.4	1,465

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, FIELD—continued</b>						
Professional service—Continued						
Grade 3. Range \$3,640 to \$4,300—Con.						
Physicist	0.8	\$3,116	0.8	\$3,116	0.6	\$2,026
Technical writer	1.5	5,543	1.5	5,543	0.6	2,118
Technologist	2.9	10,923	2.9	10,758	2	6,580
Wood technologist	2.3	9,373	2.3	9,208	2.2	7,580
Grade 2. Range \$2,980 to \$3,640:	26.2	80,830	26.2	80,218	16.5	43,642
Grade 1. Range \$2,320 to \$2,980:	10	23,446	10	23,200	6.7	13,940
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer	1	5,390	1	5,390	0.9	4,382
Fiscal agent	1	5,390	1	5,390	0.8	4,200
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	0.3	1,433	0.3	1,433	0.3	1,280
Deputy fiscal agent					0.8	3,085
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer					0.2	700
Grade 9. Range \$3,640 to \$4,300:						
Purchasing agent	1	3,750	1	3,750	0.4	1,333
Administrative assistant	1.5	5,815	1.5	5,815	1.1	3,857
Grade 8. Range \$3,310 to \$3,970:	0.1	298	0.1	298	0.3	875
Grade 7. Range \$2,980 to \$3,640:	2.4	7,848	2.4	7,820	1.8	5,154
Grade 6. Range \$2,650 to \$3,310:	0.8	2,326	0.8	2,326	0.3	870
Grade 5. Range \$2,320 to \$2,980:	4.5	11,822	4.5	11,822	6	13,203
Grade 4. Range \$2,100 to \$2,496:	21.2	48,921	21.2	48,848	19.8	37,226
Grade 3. Range \$1,902 to \$2,298:	21.3	42,296	21.3	42,098	19.8	33,200
Grade 2. Range \$1,704 to \$2,100:	8.4	14,602	8.4	14,602	10.8	15,641
Grade 1. Range \$1,506 to \$1,902:	2.8	4,268	2.8	4,268	2.3	3,018
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:	3	9,961	3	9,790	2	5,579
Grade 7. Range \$2,650 to \$3,310:	0.3	883	0.3	883	0.3	870
Grade 6. Range \$2,320 to \$2,980:	11.2	28,300	11.2	28,300	5.3	11,010
Grade 5. Range \$2,100 to \$2,496:	9.2	20,431	9.2	20,332	11	20,560
Grade 4. Range \$1,902 to \$2,298:	16.2	32,181	16.2	32,107	15.6	25,429
Grade 3. Range \$1,704 to \$2,100:	32.5	58,346	32.5	58,313	34	51,048
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640:	0.8	2,655	0.8	2,655	0.4	1,238
Grade 9. Range \$2,650 to \$3,310:	1	3,310	1	3,310	0.8	2,320
Grade 8. Range \$2,320 to \$2,980:	3	8,111	3	8,111	0.8	1,987
Grade 7. Range \$2,100 to \$2,496:	16.2	40,994	16.2	40,773	20.5	43,022
Grade 6. Range \$1,902 to \$2,298:	6.5	14,653	6.5	14,604	4.4	8,472
Grade 5. Range \$1,704 to \$2,100:	3.2	6,555	3.2	6,555	3.1	5,354
Grade 4. Range \$1,506 to \$1,902:	2.7	4,985	2.7	4,974	4.3	6,522
Grade 3. Range \$1,308 to \$1,704:	8.1	13,371	8.1	13,266	8.1	11,040
Grade 2. Range \$1,110 to \$1,506:	3.8	5,613	3.8	5,613	7.3	8,991
Unclassified					0.4	846
Total permanent, field	333.5	1,094,648	333.5	1,089,739	291.1	761,017
Temporary employment, field	5.4	14,707	5.4	14,707	9.2	17,021
Part-time employment, field	0.1	109	0.1	109	0.8	1,500
W. A. E. employment, field	0.3	1,990	0.3	1,990	0.3	1,388
Casual employment, field	0.3	540	0.3	540	0.6	832
Overtime pay, field				22,808		140,046
Night-work differential, field		1,100		1,100		
All personal services, field	339.6	1,113,094	339.6	1,130,993	302	921,804
01 Personal services (net)	359.2	1,196,462	359.2	1,215,487	319.4	999,618
<b>OTHER OBLIGATIONS</b>						
02 Travel		53,115		53,115		37,076
03 Transportation of things		11,000		11,000		6,694
04 Communication services		9,320		9,320		4,941
05 Rents and utility services		16,420		16,420		25,558
07 Other contractual services		9,358		9,358		12,109
08 Supplies and materials		50,548		50,548		60,383
09 Equipment		36,820		36,820		53,845
10 Lands and structures		4,600		4,600		
Total other obligations		191,181		191,181		200,606
Grand total obligations		1,387,643		1,406,668		1,200,224
Reimbursements for services performed		-2,643		-2,768		-56,365
Net total obligations		1,385,000		1,403,900		1,143,859
Covered into Treasury as miscellaneous receipts, Public Law 529						+550
Excess of obligations over appropriation due to Public Law 106				-175,000		
Estimated savings, unobligated balance						3,110
Total estimate or appropriation		1,385,000		1,228,900		1,147,519
<b>By PROJECTS OR FUNCTIONS</b>						
1. Conditioning and protection of wood products		\$402,910		\$401,428		\$265,108
2. Properties investigations and wood products development		591,215		589,125		482,479
3. Pulp and paper		163,420		162,817		118,722
4. Chemically converted and derived products investigations		227,455		226,616		133,850
5. Services performed for other agencies		2,643		2,643		50,296
6. Overtime pay				24,039		149,769
Grand total obligations		1,387,643		1,406,668		1,200,224
Adjustments (see objects schedule for detail)		-2,643		-177,768		-52,705
Total estimate or appropriation		1,385,000		1,228,900		1,147,519



Forest resources investigations: A comprehensive forest survey under section 9, and investigations in forest economics under section 10, **[\$204,600]** \$1,072,000. (16 U. S. C. 581h, 581i; Act of May 5, 1945, Public Law 52.)

Estimate 1947, **\$1,072,000**

Appropriated 1946, **\$204,600**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Forester	1	\$7,175	0.9	\$6,338		
Grade 6. Range \$6,230 to \$7,070:						
Engineer	1	6,860	1	6,860		
Logging engineer	1	7,070	1	7,070		
Forest economist			0.1	727	2.1	\$12,121
Forester	2	13,510	2	13,510	1	6,400
Grade 5. Range \$5,180 to \$6,020:						
Forester	1	5,180	1	5,180		
Forester	3	15,540				
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980	0.2	325	0.2	325		
Grade 4. Range \$2,100 to \$2,496	2.5	5,476	2.5	5,333	1.4	2,807
Grade 3. Range \$1,902 to \$2,298	2	3,804	1	1,902		
Grade 2. Range \$1,704 to \$2,100					0.3	454
Total permanent, departmental	13.7	64,934	9.7	47,245	4.8	21,782
Overtime pay, departmental				595		2,670
All personal services, departmental	13.7	64,934	9.7	47,840	4.8	24,452
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director, forest experiment station	0.7	5,862	0.7	5,688	1.4	9,473
Grade 6. Range \$6,230 to \$7,070:						
Director, forest experiment station					0.2	1,280
Associate director, forest experiment station					0.3	1,920
Forest economist	1.5	9,345	1.5	9,345	2.2	12,729
Forester	4	24,920			0.2	1,280
Grade 5. Range \$5,180 to \$6,020:						
Engineer	1	5,180			3.9	18,749
Forest economist	5.8	31,922	3.8	21,340	1	4,700
Forester	4	20,720			0.7	3,304
Range examiner	0.7	3,987	0.7	3,987	0.2	920
Silviculturist	0.7	3,626	0.7	3,626		
Grade 4. Range \$4,300 to \$5,180:						
Forest economist	6.5	27,950	2.5	10,750	2.7	10,260
Forester	10.3	44,893	2.3	10,320	2	7,621
Silviculturist	0.7	3,142	0.7	3,142	2.2	9,700
Grade 3. Range \$3,640 to \$4,300:						
Engineer	5	18,200			5.1	16,535
Forest economist	8.6	31,915	5.6	20,995	0.9	3,007
Forester	11.2	40,950		910	0.8	2,560
Silviculturist	0.8	2,912	0.8	2,912	3.6	9,573
Grade 2. Range \$2,980 to \$3,640	38	113,350	1	3,090	0.2	500
Grade 1. Range \$2,320 to \$2,980	54.5	126,440	0.5	1,160		
Clerical, administrative, and fiscal service:						
Grade 10. Range \$3,970 to \$4,630:					0.2	700
Junior administrative officer						
Grade 9. Range \$3,640 to \$4,300:						
Senior administrative assistant	1.5	5,625	1.5	5,625	0.1	320
Grade 7. Range \$2,980 to \$3,640	0.3	910	0.3	910	1.8	4,998
Grade 5. Range \$2,320 to \$2,980	1.1	2,841	1.1	2,841	1.5	3,267
Grade 4. Range \$2,100 to \$2,496	3	6,523	3	6,490	2.3	4,481
Grade 3. Range \$1,902 to \$2,298	25.8	49,418	5.8	11,318	3.5	5,820
Grade 2. Range \$1,704 to \$2,100	1	1,790	1	1,790	6.1	8,784
Grade 1. Range \$1,506 to \$1,902					0.1	126
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980					0.1	200
Grade 5. Range \$2,100 to \$2,496	0.5	1,083	0.5	1,083	0.1	182
Grade 4. Range \$1,902 to \$2,298	66	125,532			0.5	927
Grade 2. Range \$1,572 to \$1,968					0.6	840
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770					0.2	261
Total permanent, field	253.2	709,036	34.2	127,322	44.7	145,017
Temporary employment, field	1.7	3,639	1.7	3,639	1.5	2,314
Part-time employment, field					0.2	216
W. A. E. employment, field	0.3	670	0.3	670	0.6	965
Casual employment, field					1	1,291
Overtime pay, field				2,554		24,362
All personal services, field	255.2	713,345	36.2	134,185	48	174,165
Total, departmental and field	268.9	778,279	45.9	182,025	52.8	198,617
Deduct quarters and subsistence furnished						267
01 Personal services (net)	268.9	778,279	45.9	182,025	52.8	198,350
<b>OTHER OBLIGATIONS</b>						
02 Travel		154,958		22,958		18,792
03 Transportation of things		5,749		1,749		1,430
04 Communication services		5,845		1,845		1,787
05 Rents and utility services		3,078		3,078		4,765
07 Other contractual services		3,891		3,891		5,427
08 Supplies and materials		46,096		10,096		17,451
09 Equipment		74,104		2,958		5,009
Total other obligations		293,721		46,575		54,661
Grand total obligations		1,072,000		228,600		253,011

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Reimbursements for services performed			—\$2,262
Received by transfer from—			
“Salaries and expenses, Forest Service”:			
National forest protection and management			—16,700
Forest economics			—84,018
Net total obligations	\$1,072,000	\$228,600	150,031
Covered into Treasury as miscellaneous receipts, Public Law 529			+150
Excess of obligations over appropriation due to Public Law 106		—24,000	
Estimated savings, unobligated balance			6,065
Total estimate or appropriation	1,072,000	204,600	156,246
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Forest survey	\$1,000,000	\$153,451	\$145,802
2. Economic investigations	72,000	72,000	77,923
3. Services performed for other agencies			2,254
4. Overtime pay		3,149	27,032
Grand total obligations	1,072,000	228,600	253,011
Adjustments (see objects schedule for detail)		—24,000	—96,765
Total estimate or appropriation	1,072,000	204,600	156,246

#### Forest economics—

Transferred to “Salaries and expenses, Forest Service,” forest resources investigations: 1945, \$84,018.

#### Forest influences—

Transferred to “Salaries and expenses, Forest Service,” forest and range management investigations: 1945, \$86,762.

#### FOREST-FIRE COOPERATION

#### Forest Fire Cooperation, Department of Agriculture—

For cooperation with the various States or other appropriate agencies in forest-fire prevention and suppression and the protection of timbered and cut-over lands in accordance with the provisions of sections 1, 2, and 3 of the Act entitled “An Act to provide for the protection of forest lands, for the reforestation of denuded areas, for the extension of national forests, and for other purposes, in order to promote the continuous production of timber on lands chiefly suitable therefor”, approved June 7, 1924, as amended (16 U. S. C. 564-570), **[\$7,300,000]** \$8,300,000, of which not to exceed **[\$57,584 and \$5,000]** \$57,982 shall be available for personal services and for the purchase of supplies and equipment, respectively, in the District of Columbia. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, **\$8,300,000**

Appropriated 1946, **\$7,300,000**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Forester	2	\$13,720	2	\$13,510	2	\$11,950
Grade 5. Range \$5,180 to \$6,020:						
Forester	4	22,820	4	22,768	2.7	15,055
Grade 4. Range \$4,300 to \$5,180:						
Forester	1	5,180	1	5,180		
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer					0.4	1,626
Grade 6. Range \$2,650 to \$3,310	1	2,870	1	2,787	1	2,325
Grade 5. Range \$2,320 to \$2,980	1	2,430	1	2,430	1	2,060
Grade 4. Range \$2,100 to \$2,496	3	7,158	3	7,158	2.1	4,110
Grade 3. Range \$1,902 to \$2,298	2	3,804	2	3,804	0.7	1,070
Total permanent departmental	14	57,982	14	57,637	9.9	38,136
Overtime pay, departmental				717		5,116
All personal services, departmental	14	57,982	14	58,354	9.9	43,252
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Assistant regional forester	3.6	24,150	3.6	24,023	3.6	20,615
Grade 5. Range \$5,180 to \$6,020:						
Forest economist	1	5,390	1	5,252	0.8	3,833
Forester	6.8	39,415	6.8	39,334	7.3	38,627
Regional forest inspector	1	5,180	1	5,180		
Grade 4. Range \$4,300 to \$5,180:						
Forester	8.3	37,370	8.3	37,207	6.6	26,718
Silviculturist	0.5	2,590	0.5	2,590	0.8	3,680
Grade 3. Range \$3,640 to \$4,300:						
Forest economist	1.5	6,120	1.5	6,120	1.3	4,447



## FOREST SERVICE—Continued

## FOREST-FIRE COOPERATION—continued

## Forest Fire Cooperation, Department of Agriculture—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD—continued</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service—Continued						
Grade 3. Range \$3,640 to \$4,300—Con.						
Forester	5.8	\$21,662	5.8	\$21,471	5.3	\$17,210
Silviculturist					1	3,578
Grade 2. Range \$2,980 to \$3,640	2.3	7,107	2.3	6,957	1.6	4,419
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	0.2	\$80	0.2	\$80	0.5	1,967
Grade 10. Range \$3,970 to \$4,630:						
Fiscal inspector	2	8,930	2	8,812	0.9	3,475
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	0.5	2,150	0.5	2,150	0.5	1,791
Fiscal accountant	1	4,190	1	4,179	0.8	2,560
Grade 8. Range \$2,980 to \$3,640	2.6	8,177	2.6	8,092	1.9	4,975
Grade 5. Range \$2,320 to \$2,980	0.5	1,380	0.5	1,352	0.5	1,150
Grade 4. Range \$2,100 to \$2,496	7.1	15,613	7.1	15,553	5.9	10,754
Grade 3. Range \$1,902 to \$2,298	9	19,197	9	19,014	11.4	19,828
Grade 2. Range \$1,704 to \$2,100	3.8	6,551	3.8	6,333	2.6	3,834
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980	1.1	2,607	1.1	2,600		
Grade 3. Range \$1,704 to \$2,100					0.3	480
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902	1.8	2,948	1.8	2,921	0.4	660
Total permanent, field	60.4	221,887	60.4	220,530	54	174,601
Temporary employment, field	1.1	1,900	1.1	1,900	1.4	2,432
W. A. E. employment, field					0.6	1,068
Casual employment, field	0.3	600	0.3	600	0.9	1,315
Overtime pay, field				4,435		26,351
All personal services, field	61.8	224,387	61.8	227,465	56.9	205,767
Total, departmental and field	75.8	252,369	75.8	255,819	66.8	249,019
Deduct quarters and subsistence furnished						115
01 Personal services (net)	75.8	252,369	75.8	255,819	66.8	248,904
<b>OTHER OBLIGATIONS</b>						
02 Travel		33,598		33,598		35,511
03 Transportation of things		3,600		3,600		3,597
04 Communication services		1,400		1,400		1,410
05 Rents and utility services		4,910		4,910		2,640
07 Other contractual services		13,000		13,000		12,844
08 Supplies and materials		20,000		20,000		21,692
09 Equipment		7,000		7,000		7,081
11 Grants, subsidies, and contributions		7,933,823		6,970,373		5,945,884
Total other obligations		8,017,631		7,054,181		6,030,659
Grand total obligations		8,300,000		7,340,000		6,279,563
Reimbursements for services performed						-1,908
Net total obligations		8,300,000		7,340,000		6,277,655
Covered into Treasury as miscellaneous receipts, Public Law 529						+80
Excess of obligations over appropriation due to Public Law 106				-40,000		
Estimated savings, unobligated balance						22,265
Total estimate or appropriation		8,300,000		7,300,000		6,300,000

## FARM AND OTHER PRIVATE FORESTRY COOPERATION

## Farm and Other Private Forestry Cooperation, Department of Agriculture—

To enable the Secretary (1) to carry into effect, through such agencies of the Department as he may designate, the provisions of the Cooperative Farm Forestry Act, approved May 18, 1937 (16 U. S. C. 568b), (not to exceed \$495,957) \$519,232 and the provisions of sections 4 (not to exceed \$83,700) and 5 (not to exceed \$85,100) \$65,766, of the Act entitled "An Act to provide for the protection of forest lands, for the reforestation of denuded areas, for the extension of national forests, and for other purposes, in order to promote the continuous production of timber on lands chiefly suitable therefor", approved June 7, 1924 (16 U. S. C. 567-568), and Acts supplementary thereto; and (2) through the Forest Service to [cooperate with and] advise timberland owners and associations, wood-using industries or other appropriate agencies in the application of forest management principles to federally owned lands leased to States and to private forest lands, so as to attain sustained-yield management, the conservation of the timber resources, the productivity of forest lands, and the stabilization of employment and economic continuance of forest industries, not to exceed \$87,743] \$102,802; in all, not to exceed \$732,500] \$771,500, of which not to exceed \$39,870] \$47,074 may be expended for personal services in the District of Columbia; the purchase of reference books and

technical journals; not to exceed \$30,000 for the construction, alteration, or purchase of necessary buildings, and other improvements: *Provided*, That in carrying into effect the provisions of the Cooperative Farm Forestry Act, no part of this appropriation shall be used to establish new nurseries or to acquire land for the establishment of such new nurseries. (16 U. S. C. 564, 568a, 581; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$771,500

Appropriated 1946, \$732,500

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Head forester	1	\$7,437	1	\$7,437	1	\$6,500
Grade 6. Range \$6,230 to \$7,070:						
Forester	1	6,860	1	6,755	1	6,000
Grade 5. Range \$5,180 to \$6,020:						
Forester	2	10,780	2	10,570	1.3	6,330
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980	1	2,540	1	2,457	1.1	2,225
Grade 4. Range \$2,100 to \$2,496	3	6,589	2.4	5,232	2.2	4,107
Grade 3. Range \$1,902 to \$2,298					0.5	892
Total permanent, departmental	8	34,206	7.4	32,451	7.1	26,034
Overtime pay, departmental				450		3,630
All personal services, departmental	8	34,206	7.4	32,931	7.1	29,664
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Assistant regional forester	1.7	10,882	1.7	10,882	0.7	4,313
Forester	1.4	9,016	1.4	8,916	1.7	9,953
Grade 5. Range \$5,180 to \$6,020:						
Regional law enforcement officer					0.1	460
Forest supervisor	0.1	518	0.1	518	0.1	460
Forester	5.1	27,053	5.1	26,956	4.1	19,850
Logging engineer					0.2	1,073
Grade 4. Range \$4,300 to \$5,180:						
Forester	5.8	25,380	5.8	25,348	5	19,495
Grade 3. Range \$3,640 to \$4,300:						
Forester	7.8	29,052	7.8	28,937	4.9	16,070
Information specialist	0.2	860	0.2	860		
Silviculturist	0.8	3,294	0.8	3,241	0.4	1,520
Grade 2. Range \$2,980 to \$3,640	34.2	104,973	34.2	104,555	15.6	42,014
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Fiscal accountant	0.2	1,036	0.2	1,036		
Grade 10. Range \$3,970 to \$4,630:						
Inspector of accounts					0.3	1,202
Grade 9. Range \$3,640 to \$4,300:						
Regional auditor					0.5	1,650
Exhibition assistant					0.1	334
Grade 7. Range \$2,980 to \$3,640	1.2	3,862	1.2	3,853	1.2	3,142
Grade 5. Range \$2,320 to \$2,980	1	2,870	1	2,844	0.8	1,975
Grade 4. Range \$2,100 to \$2,496	1.6	3,792	2.2	4,995	1	2,062
Grade 3. Range \$1,902 to \$2,298	6.5	13,219	6.5	13,126	6.2	10,187
Grade 2. Range \$1,704 to \$2,100	0.5	852	0.5	852	0.3	576
Grade 1. Range \$1,506 to \$1,902	0.1	151	0.1	145		
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496					0.2	352
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770	0.5	753	0.5	750	0.2	240
Unclassified	92.8	194,555	92.8	194,555	65.4	134,961
Total permanent, field	163.5	436,723	164.1	437,039	109.1	272,119
Temporary employment, field	1.2	3,197	1.2	3,197	1.4	2,597
W. A. E. employment, field	3	3,312	3	3,312	0.8	1,482
W. O. C. employment, field					0.8	0
Casual employment, field	3.4	3,310	3.4	3,310	4	3,806
Overtime pay, field				4,907		25,873
Additional pay for foreign service, field		120		120		
All personal services, field	171.1	446,667	171.7	451,885	115.6	305,877
Total, departmental and field	179.1	480,873	179.1	484,816	122.7	335,561
Deduct quarters and subsistence furnished						90
01 Personal services (net)	179.1	480,873	179.1	484,816	122.7	335,471
<b>OTHER OBLIGATIONS</b>						
02 Travel		28,680		28,680		22,067
03 Transportation of things		1,571		1,571		1,923
04 Communication services		2,556		2,556		1,379
05 Rents and utility services		5,006		5,006		3,473
07 Other contractual services		675		675		3,694
08 Supplies and materials		16,722		16,722		11,360
09 Equipment		9,161		9,161		4,260
11 Grants, subsidies, and contributions		118,053		118,053		112,431
Total other obligations		182,454		182,454		160,587
Grand total obligations		663,327		667,270		496,058
Reimbursements for services performed						-2,398
Allotted to—						
Extension Service		+108,173		+101,230		+108,380
Soil Conservation Service						+146,788
Net total obligations		771,500		768,500		748,828



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Covered into Treasury as miscellaneous receipts, Public Law 529			+\$50
Excess of obligations over appropriation due to Public Law 106		-\$36,000	
Estimated savings, unobligated balance			32,558
Total estimate or appropriation	\$771,500	732,500	781,466
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Cooperation with States in procurement, production, and distribution of forest-tree and shrub seeds and plants for farmers:			
Under Clarke-McNary Act, sec. 4	\$53,700	\$53,700	\$31,426
Under Norris-Doxey Act	39,624	39,624	38,559
2. Farm woodland management projects, under the Norris-Doxey Act	415,263	414,295	239,263
3. Farm forestry investigations, under the Norris-Doxey Act	21,938	21,901	20,252
4. Cooperation with timberland owners in formulating and applying principles of sustained yield management	102,802	102,363	84,842
5. Services performed for other agencies			2,213
6. Overtime pay		5,387	29,503
Grand total obligations	663,327	667,270	496,058
Adjustments (see objects schedule for detail)	+108,173	+65,230	+255,408
Total estimate or appropriation	771,500	732,500	781,466

## ACQUISITION OF LANDS FOR NATIONAL FORESTS

## Acquisition of Lands for Protection of Watersheds of Navigable Streams—

For the acquisition of forest lands under the provisions of the Act approved March 1, 1911, as amended (16 U. S. C. 513-519, 521), \$3,000,000, of which not to exceed \$44,419 may be expended for personal services in the District of Columbia.

Estimate 1947, \$3,000,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Division chief	1	\$6,230	
Grade 5. Range \$5,180 to \$6,020:			
Land acquisition inspector	1	5,180	
Clerical, administrative, and fiscal service:			
Grade 8. Range \$3,310 to \$3,970	1	3,310	
Grade 7. Range \$2,980 to \$3,640	2	6,180	
Grade 6. Range \$2,650 to \$3,310			2
Grade 5. Range \$2,320 to \$2,980	4	10,380	2
Grade 4. Range \$2,100 to \$2,496	2	4,332	1
Grade 3. Range \$1,902 to \$2,298	1.5	2,853	
Grade 2. Range \$1,704 to \$2,100	1	1,704	
Subprofessional service:			
Grade 7. Range \$2,650 to \$3,310	1	3,090	
Grade 5. Range \$2,100 to \$2,496	0.5	1,160	
Total permanent, departmental	15	44,419	6
Overtime pay, departmental			2,980
All personal services, departmental	15	44,419	6
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Forester	1.5	9,030	
Logging engineer	0.5	3,010	0.4
Grade 4. Range \$4,300 to \$5,180:			
Cadastral engineer	0.8	3,440	
Forester	2	8,930	1.3
Land classifier	1	5,180	
Grade 3. Range \$3,640 to \$4,300:			
Cadastral engineer	3.7	13,468	0.8
Forester	10.5	38,220	2.6
Grade 2. Range \$2,980 to \$3,640	14.5	43,210	1
Grade 1. Range \$2,320 to \$2,980	12.4	28,768	
Clerical, administrative, and fiscal service:			
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant			0.1
Grade 7. Range \$2,980 to \$3,640			0.2
Grade 5. Range \$2,320 to \$2,980	1	2,760	1.5
Grade 4. Range \$2,100 to \$2,496	1	2,320	1.8
Grade 3. Range \$1,902 to \$2,298	11.3	21,493	1.7
Grade 2. Range \$1,704 to \$2,100	12.6	21,470	0.3
Subprofessional service:			
Grade 7. Range \$2,650 to \$3,310	2	5,630	0.3
Grade 6. Range \$2,320 to \$2,980	14.7	34,104	
Grade 5. Range \$2,100 to \$2,496	35.4	74,340	0.2

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Subprofessional service—Continued			
Grade 4. Range \$1,902 to \$2,298	49.6	\$94,339	
Grade 3. Range \$1,704 to \$2,100	10	17,040	
Total permanent, field	184.5	426,752	12.2
Temporary employment, field	10	14,400	0.3
W. A. E. employment, field			0.9
Casual employment, field			0.2
Overtime pay, field			6,886
All personal services, field	194.5	441,152	13.6
Total, departmental and field	209.5	485,571	19.6
Deduct quarters and subsistence furnished			11
01 Personal services (net)	209.5	485,571	19.6
<b>OTHER OBLIGATIONS</b>			
02 Travel		91,200	2,651
03 Transportation of things		200	13
04 Communication services		3,600	
05 Rents and utility services		7,500	3,100
07 Other contractual services		1,800	1,277
08 Supplies and materials		2,700	957
09 Equipment		102,600	219
10 Lands and structures		2,304,829	222
Total other obligations		2,514,429	8,439
Grand total obligations		3,000,000	68,150
Estimated savings, unobligated balance			6,850
Total estimate or appropriation		3,000,000	75,000

## Acquisition of Lands, Uinta and Wasatch National Forests, Utah (Receipt Limitation)—

## Acquisition of Lands, Cache National Forest, Utah (Receipt Limitation)—

## Acquisition of Lands, San Bernardino and Cleveland National Forests, Riverside County, California (Receipt Limitation)—

## Acquisition of Lands, Nevada and Toiyabe National Forests, Nevada (Receipt Limitation)—

## Acquisition of Lands, Ozark and Ouachita National Forests, Arkansas (Receipt Limitation)—

## Acquisition of Lands, Angeles National Forest, California (Receipt Limitation)—

## Acquisition of Lands, Cleveland National Forest, San Diego County, California (Receipt Limitation)—

## Acquisition of Lands, Sequoia National Forest, California (Receipt Limitation)—

For the acquisition of land to facilitate the control of soil erosion and flood damage originating within the exterior boundaries of the following national forests, in accordance with the provisions of the following Acts authorizing annual appropriations of forest receipts for such purposes, and in not to exceed the following amounts from such receipts: Uinta and Wasatch National Forests, Utah, Act of August 26, 1935, Public Law 337, as amended, \$40,000; Cache National Forest, Utah, Act of May 11, 1938, Public Law 505, as amended, \$10,000; San Bernardino and Cleveland National Forests, Riverside County, California, Act of June 15, 1938, Public Law 634, as amended, \$22,000; Nevada and Toiyabe National Forests, Nevada, Act of June 25, 1938, Public Law 748, as amended, \$10,000; Ozark and Ouachita National Forests, Arkansas, Act of March 5, 1940, Public Law 427, \$250,000; Angeles National Forest, California, Act of June 11, 1940, Public Law 591, \$20,000; Cleveland National Forest, San Diego County, California, Act of June 11, 1940, Public Law 589, \$5,000; Sequoia National Forest, California, Act of June 17, 1940, Public Law 637, \$35,000; in all, \$392,000. (Act of May 26, 1944, Public Law 310.)

Estimate 1947, \$392,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 1. Range \$2,320 to \$2,980	1.8	\$4,176	
Clerical, administrative, and fiscal service:			
Grade 3. Range \$1,902 to \$2,298	0.8	1,522	
Subprofessional service:			
Grade 4. Range \$1,902 to \$2,298	1.8	3,424	
01 Personal services (net)	4.4	9,122	



## FOREST SERVICE—Continued

## ACQUISITION OF LANDS FOR NATIONAL FORESTS—continued

Acquisition of Lands, Uinta and Wasatch National Forests, Utah (Receipt Limitation)—Continued  
 Acquisition of Lands, Cache National Forest, Utah (Receipt Limitation)—Continued  
 Acquisition of Lands, San Bernardino and Cleveland National Forests, Riverside County, California (Receipt Limitation)—Con.  
 Acquisition of Lands, Nevada and Toiyabe National Forests, Nevada (Receipt Limitation)—Continued  
 Acquisition of Lands, Ozark and Ouachita National Forests, Arkansas (Receipt Limitation)—Continued  
 Acquisition of Lands, Angeles National Forest, California (Receipt Limitation)—Continued  
 Acquisition of Lands, Cleveland National Forest, San Diego County, California (Receipt Limitation)—Continued  
 Acquisition of Lands, Sequoia National Forest, California (Receipt Limitation)—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS			
02 Travel.....	\$2,650		
07 Other contractual services.....	2,400		
08 Supplies and materials.....	100		
09 Equipment.....	2,200		
10 Lands and structures.....	375,528		
Total other obligations.....	382,878		
Total estimate or appropriation.....	392,000		

## Conservation and Use of Agricultural Land Resources, Department of Agriculture (Forest Service)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Cooperation with Production and Marketing Administration in administration of the naval stores conservation program</i>						
PERSONAL SERVICES, DEPARTMENTAL						
Professional service:	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Grade 5. Range \$5,180 to \$6,020:						
Project chief	1	\$5,810	1	\$5,757	1	\$5,000
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496	1	2,298	1	2,265	1	1,890
Total permanent, departmental	2	8,108	2	8,022	2	6,890
Overtime pay, departmental				131		1,037
All personal services, departmental	2	8,108	2	8,153	2	7,927
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Assistant regional forester	0.1	686	0.1	686	0.1	600
Grade 5. Range \$5,180 to \$6,020:						
Regional supervisor	0.2	1,078	0.2	1,078	0.9	4,140
Grade 4. Range \$4,300 to \$5,180:						
Forester					0.7	2,660
District supervisor					1.4	5,320
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Assistant to fiscal agent	0.4	1,720	0.4	1,720	0.4	1,520
Grade 7. Range \$2,980 to \$3,640	0.1	320	0.1	320	0.2	560
Grade 3. Range \$1,902 to \$2,298	1.1	2,192	1.1	2,192		
Grade 2. Range \$1,704 to \$2,100	0.1	177	0.1	177	1.4	2,103
Total permanent, field	2	6,173	2	6,173	5.1	16,903
Overtime pay, field				141		2,781
All personal services, field	2	6,173	2	6,314	5.1	19,684
01 Personal services (net)	4	14,281	4	14,467	7.1	27,611
OTHER OBLIGATIONS						
02 Travel		2,160		2,246		2,732
04 Communication services		88		88		21
05 Rents and utility services		736		736		
08 Supplies and materials		55		55		476
09 Equipment						28
Total other obligations		3,039		3,125		3,257
Grand total obligations		17,320		17,592		30,868
Allotted from "Conservation and use of agricultural land resources, Department of Agriculture"		-17,320		-17,592		-32,608
Estimated savings, unobligated balance						1,740
Total estimate or appropriation						

## Local Administration, Section 388, Agricultural Adjustment Act of 1938, Department of Agriculture (Forest Service)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Cooperation with Production and Marketing Administration in administration of the naval stores conservation program</i>			
11 Grants, subsidies, and contributions. Allotted from "Local administration, sec. 388, Agricultural Adjustment Act of 1938".....	\$97,586	\$99,500	\$129,115
Covered into Treasury as miscellaneous receipts, Public Law 529.....	-97,586	-99,500	-134,837
Estimated savings, unobligated balance.....			+40 5,682
Total estimate or appropriation.....			

## White Pine Blister Rust Control, Department of Agriculture (Forest Service)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service: Grade 4. Range \$2,100 to \$2,496.....	2	\$4,530	2	\$4,464		
Overtime pay, departmental.....				128		
All personal services, departmental.....	2	4,530	2	4,592		
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 6. Range \$6,230 to \$7,070: Forester.....	0.1	623	0.1	623	0.1	\$560
Grade 5. Range \$5,180 to \$6,020: Forester.....	2.2	11,732	1.2	6,522	0.4	2,316
Grade 4. Range \$4,300 to \$5,180: Forester.....	0.5	2,590	0.5	2,590		
Grade 3. Range \$3,640 to \$4,300: Forester.....	4.1	15,210	1.1	4,210	0.7	2,240
Grade 2. Range \$2,980 to \$3,640.....	3.9	12,705	3.9	12,650	4	10,962
Clerical, administrative, and fiscal service: Grade 10. Range \$3,970 to \$4,630: Fiscal inspector.....	0.5	2,040	0.5	2,012	0.5	1,770
Grade 9. Range \$3,640 to \$4,300: Regional accountant.....	0.5	1,875	0.5	1,875	0.5	1,600
Grade 7. Range \$2,980 to \$3,640.....	0.3	1,030	0.3	1,030	1.7	4,643
Grade 5. Range \$2,320 to \$2,980.....	1.8	4,176	1.8	4,176	2.7	5,559
Grade 4. Range \$2,100 to \$2,496.....	6.9	15,271	6.9	15,221	5.2	9,520
Grade 3. Range \$1,902 to \$2,298.....	13.7	26,866	8.7	17,323	8	13,268
Grade 2. Range \$1,704 to \$2,100.....	5.4	9,624	5.4	9,624	6.6	9,526
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640.....	8.8	26,410	2.8	8,530	2.3	6,128
Grade 7. Range \$2,650 to \$3,310.....	23.7	64,178	13.7	37,528	12.8	30,443
Grade 6. Range \$2,320 to \$2,980.....	10.8	25,077	5.8	13,427	5.7	11,400
Grade 5. Range \$2,100 to \$2,496.....	4.2	9,250	4.2	9,223	3.3	5,999
Grade 4. Range \$1,902 to \$2,298.....	2.2	5,056	2.2	5,056	0.1	162
Grade 3. Range \$1,704 to \$2,100.....	3.6	6,524	3.6	6,524	0.2	316
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640.....	0.1	298	0.1	298	0.1	260
Grade 8. Range \$2,540 to \$3,200.....	0.5	1,325	0.5	1,298	0.3	829
Grade 7. Range \$2,364 to \$2,870.....	2.9	6,933	2.9	6,933	2.7	5,511
Unclassified.....	3.7	7,579	3.7	7,579	3.6	6,900
Total permanent, field.....	100.4	256,372	70.4	174,252	61.5	129,912
Temporary employment, field.....	772.7	1,267,849	182.7	355,057	135.2	234,918
W. A. E. employment, field.....	0.2	128	0.2	128	0.3	457
Casual employment, field.....	472.9	765,869	411.9	665,645	289.4	450,174
Overtime pay, field.....				33,282		204,329
Night-work differential, field.....		820		820		
All personal services, field.....	1,346.2	2,291,035	665.2	1,229,184	486.4	1,049,830
Total, departmental and field.....	1,348.2	2,295,568	667.2	1,233,776	486.4	1,049,830
Deduct quarters and subsistence furnished.....		2,225		2,225		2,191
01 Personal services (net).....	1,348.2	2,293,343	667.2	1,231,551	486.4	1,047,639
OTHER OBLIGATIONS						
02 Travel.....		8,650		3,350		3,604
03 Transportation of things.....		19,800		10,800		9,773
04 Communication services.....		1,740		740		607
05 Rents and utility services.....		8,890		4,390		4,476
07 Other contractual services.....		90,701		63,701		55,385
08 Supplies and materials.....		99,267		62,738		73,109
09 Equipment.....		77,080		15,080		13,334
Total other obligations.....		306,128		160,799		160,288
Grand total obligations.....		2,599,471		1,392,350		1,207,927
Reimbursements for services performed. Received by transfer from "White pine blister rust control, Department of Agriculture".....		-2,599,471		-1,392,350		-1,219,900



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+\$105
Estimated savings, unobligated balance.....			17,816
Total estimate or appropriation.....			

**Flood Control, General (Transfer to Agriculture) (Forest Service)——**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Forester.....	1	\$6,650	0.5 \$3,325
Grade 5. Range \$5,180 to \$6,020:			
Forester.....	3	16,380	1 5,390
Hydrologist.....	1	5,390	0.5 2,695
Grade 4. Range \$4,300 to \$5,180:			
Conservationist.....	1	4,520	0.5 2,260
Forester.....	2	9,040	1 4,520
Grade 3. Range \$3,640 to \$4,300:			
Silviculturist.....	2	7,280	0.5 1,820
Clerical, administrative, and fiscal service:			
Grade 6. Range \$2,650 to \$3,310.....	1	3,260	0.5 1,600
Grade 5. Range \$2,320 to \$2,980.....	1	2,320	0.5 1,160
Grade 4. Range \$2,100 to \$2,496.....	2	4,464	1 2,232
Grade 3. Range \$1,902 to \$2,298.....	4.5	9,252	1.5 3,150
Total permanent, departmental.....	18.5	68,496	7.5 28,152
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Civil engineer.....	1	6,440	1 6,283
Silviculturist.....	2	12,880	0.5 3,220
Grade 5. Range \$5,180 to \$6,020:			
Civil engineer.....	1	5,180	1.5 8,085
Forester.....	3	16,380	1.5 7,875
Hydrologist.....	1	5,390	0.5 2,695
Range examiner.....	1	5,180	0.5 2,590
Forest economist.....	1	5,180	
Grade 4. Range \$4,300 to \$5,180:			
Civil engineer.....	2.7	11,660	5 21,775
Forester.....	3	13,775	3 13,120
Forest ecologist.....	1	4,300	
Forest economist.....	1	4,520	1 4,520
Hydraulic engineer.....	1.7	7,310	2.4 10,320
Hydrologist.....	2	8,600	0.5 2,160
Pathologist.....			0.2 860
Range examiner.....	2	8,600	0.5 2,160
Grade 3. Range \$3,640 to \$4,300:			
Agronomist.....			0.3 1,092
Civil engineer.....	3	11,030	4 15,110
Forest economist.....	3	11,250	1 3,560
Forester.....	5	18,200	2.9 10,756
Geologist.....	1	3,640	1 3,970
Land appraiser.....	0.9	3,420	
Hydraulic engineer.....	1.9	7,170	3.8 13,832
Hydrologist.....	4	15,000	0.5 1,875
Nurseryman.....	1	3,640	
Range examiner.....	1	3,860	0.5 1,930
Sanitary engineer.....			0.5 1,875
Silviculturist.....	1	3,640	1 3,723
Grade 2. Range \$2,980 to \$3,640.....	15.2	48,358	14.2 43,108
Grade 1. Range \$2,320 to \$2,980.....	2	4,970	1.4 3,248
Clerical, administrative, and fiscal service:			
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer.....	1	4,520	0.6 2,657
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	1	3,640	1 3,723
Grade 8. Range \$3,310 to \$3,970.....			0.2 662
Grade 7. Range \$2,980 to \$3,640.....	4	11,920	0.7 1,984
Grade 6. Range \$2,650 to \$3,310.....	2	5,300	0.8 2,220
Grade 5. Range \$2,320 to \$2,980.....	3	7,290	3 7,070
Grade 4. Range \$2,100 to \$2,496.....	6	12,798	3 6,993
Grade 3. Range \$1,902 to \$2,298.....	9.5	19,323	7.4 14,556
Grade 2. Range \$1,704 to \$2,100.....	5	8,784	4.5 7,734
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640.....			1 2,980
Grade 7. Range \$2,650 to \$3,310.....	1	2,650	2.6 7,120
Grade 6. Range \$2,320 to \$2,980.....	8.5	19,720	12.5 29,440
Grade 5. Range \$2,100 to \$2,496.....	7	14,700	7.4 15,870
Grade 4. Range \$1,902 to \$2,298.....	3.5	6,657	4.7 9,335
Grade 3. Range \$1,704 to \$2,100.....			1 1,604
Crafts, protective, and custodial service:			
Grade 10. Range \$2,980 to \$3,640.....	1	2,980	0.3 780
Grade 9. Range \$2,650 to \$3,310.....	1	2,650	
Grade 8. Range \$2,540 to \$3,200.....	1	2,540	
Grade 7. Range \$2,364 to \$2,870.....	2.2	5,319	3 7,092
Grade 6. Range \$2,166 to \$2,562.....	0.8	1,805	0.4 850
Grade 4. Range \$1,770 to \$2,166.....	1	1,770	
Unclassified.....			1.2 2,260
Total permanent, field.....	120.9	353,939	101.6 309,148
Temporary employment, field.....	20	30,126	3.1 6,704
W. A. E. employment, field.....	59	90,264	26.5 50,647

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Casual employment, field.....			2.1 \$3,501
Overtime pay, field.....		\$4,319	19,226
All personal services, field.....	199.9	\$504,329	134.3 376,887
Total, departmental and field.....	218.4	572,825	141.8 405,039
Deduct quarters and subsistence furnished.....		1,500	500
01 Personal services (net).....	218.4	571,325	141.8 404,539
<b>OTHER OBLIGATIONS</b>			
02 Travel.....		33,000	30,950
03 Transportation of things.....		17,610	3,600
04 Communication services.....		3,058	1,940
05 Rents and utility services.....		13,855	1,900
07 Other contractual services.....		222,450	18,300
08 Supplies and materials.....		134,133	28,350
09 Equipment.....		139,534	20,568
10 Lands and structures.....		91,500	
11 Grants, subsidies, and contributions.....		113,735	
Total other obligations.....		768,875	105,608
Grand total obligations.....		1,340,200	510,147
Reimbursements for services performed.....			166,455
Allocated from "Flood control, general (transfer to Agriculture)".....		-1,340,200	-510,147
Total estimate or appropriation.....			-164,269
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Preliminary examinations and surveys.....	\$420,200	\$112,567	
2. Works of improvements, etc.....	920,000	393,261	\$145,043
3. Services performed for other agencies.....			2,186
4. Overtime pay.....		4,319	19,226
Grand total obligations.....	1,340,200	510,147	166,455
Adjustments (see objects schedule for detail).....	-1,340,200	-510,147	-166,455
Total estimate or appropriation.....			

**Working Funds, Agriculture, Forest Service——**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Forester.....		0.5 \$3,587	
Grade 6. Range \$6,230 to \$7,070:			
Engineer.....		0.5 3,535	1 \$6,200
Forester.....		1.5 9,765	4.6 25,439
Technologist.....			1 5,800
Grade 5. Range \$5,180 to \$6,020:			
Topographic engineer.....			0.1 549
Civil engineer.....		1 5,180	1 4,600
Forester.....		1.4 7,672	4.4 20,917
Architect.....			0.1 217
Grade 4. Range \$4,300 to \$5,180:			
Engineer.....		1 5,180	
Grade 3. Range \$3,640 to \$4,300:			
Forest economist.....		0.5 1,875	1 3,200
Forester.....		0.5 1,930	1 3,300
Lithographic engineer.....		1 3,640	1.6 5,217
Topographic engineer.....			0.4 1,512
Grade 2. Range \$2,980 to \$3,640.....			0.7 1,625
Clerical, administrative, and fiscal service:			
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer.....		1.5 6,890	1.1 4,148
Grade 9. Range \$3,640 to \$4,300:			
Training officer.....			0.7 2,267
Grade 7. Range \$2,980 to \$3,640.....			0.6 1,573
Grade 6. Range \$2,650 to \$3,310.....		1 2,760	1.2 2,779
Grade 5. Range \$2,320 to \$2,980.....			0.4 665
Grade 4. Range \$2,100 to \$2,496.....		5.5 12,408	6.2 11,343
Grade 3. Range \$1,902 to \$2,298.....		4.5 9,186	5.6 9,385
Grade 2. Range \$1,704 to \$2,100.....			0.1 100
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640.....		1 2,980	2 5,003
Grade 7. Range \$2,650 to \$3,310.....		1 3,310	2.6 6,935
Grade 6. Range \$2,320 to \$2,980.....		1 2,320	1.2 2,512
Grade 5. Range \$2,100 to \$2,496.....		2 4,332	1.8 3,522
Grade 4. Range \$1,902 to \$2,298.....		1 1,968	3.2 5,017
Grade 3. Range \$1,704 to \$2,100.....			1 1,600
Grade 2. Range \$1,572 to \$1,968.....			0.1 150
Total permanent, departmental.....		26.4	44.7
		88,518	135,575



### Working Funds, Agriculture, Forest Service—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
PERSONAL SERVICES, DEPARTMENTAL—CON.						
W. A. E. employment, departmental.....			1	\$1,800	1.4	\$1,850
Overtime pay, departmental.....				1,975		23,256
All personal services, departmental.....			27.4		46.1	
				92,293		160,681
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Acting director.....			0.1	718	0.2	1,372
Mathematician.....			0.5	3,690	0.2	1,500
Technologist.....					0.3	1,994
Grade 6. Range \$6,230 to \$7,070:						
Chemist.....			0.3	2,121	0.8	5,105
Chemical engineer.....					0.2	1,167
Consulting engineer.....			0.3	2,121	0.2	1,167
Engineer.....			2.7	16,949	2	11,244
Forester.....			1	6,482	1.5	8,520
Forest economist.....			0.5	3,220		
Forest products technologist.....			0.3	2,121	0.1	560
Industrial specialist.....			14.6	93,550	16.5	92,610
Project chief.....					0.9	5,047
Plywood technologist.....			0.3	1,869	0.1	560
Technologist.....			1.6	9,986	1.6	9,064
Topographic engineer.....			1	6,440	1	5,800
Grade 5. Range \$5,180 to \$6,020:						
Aircraft engineer.....			0.8	4,317		
Assistant to assistant regional forester.....			0.4	2,408	0.4	2,160
Chemist.....			0.6	3,249	2.1	10,016
Chemical engineer.....			1	5,390	0.3	1,620
Engineer.....			6.5	34,695	10.8	51,667
Forester.....			6.8		22.6	
				36,411		107,750
Forest economist.....			0.3	1,806	2	10,317
Industrial specialist.....			13.1	70,139	14.2	65,321
Silviculturist.....			0.5	2,987	2.3	11,353
Technical reviewer.....			0.8	4,693	1.5	7,283
Technologist.....			1	5,180	1.2	5,595
Wood technologist.....			0.3	1,667	0.6	2,760
Grade 4. Range \$4,300 to \$5,180:						
Chemist.....			1	4,466	1.5	5,808
Civil engineer.....					0.4	1,590
Construction engineer.....					1	3,850
Engineer.....			7.7	38,196	8	30,584
Forester.....			4.8	22,582	20.4	77,546
Forest economist.....			2.5	10,971	2.5	9,525
Forest products technologist.....			0.2	860	1	3,958
Industrial specialist.....			4.3	19,141	5.4	20,705
Conservation writer.....					0.3	1,380
Information specialist.....			0.5	2,260	0.5	2,092
Training specialist.....					0.7	2,660
Technical writer.....			0.3	1,290	0.8	3,040
Technologist.....			3.7	16,287	4.6	17,810
Silviculturist.....			0.8	4,079	1.8	8,280
Logging engineer.....			0.8	3,616	0.5	2,200
Plastics technologist.....					0.4	1,583
Wood technologist.....			0.5	2,260	0.2	760
Grade 3. Range \$3,640 to \$4,300:						
Chemist.....			2.6	9,464	3.8	12,187
Chemical engineer.....			0.7	2,548	1.6	5,137
Civil engineer.....			1.3	4,798	1.9	6,588
Information specialist.....					1.8	5,866
Engineer.....			20.1	75,136	21.5	69,661
Forester.....			27.2		89.1	
				104,330		288,608
Forest economist.....			3.2	12,219	5.7	18,240
Forest products technologist.....			1.2	4,577	0.8	2,560
Industrial specialist.....			2	7,323	1.8	5,841
Improvement superintendent.....					0.5	1,726
Wood technologist.....			0.5	1,875		
Painting technologist.....			0.8	2,912	0.3	964
Physical chemist.....					0.2	640
Physicist.....			0.2	728	0.6	1,920
Silviculturist.....			1	3,801	1.1	3,520
Technical writer.....			1	3,830	1.4	4,491
Technologist.....			6	22,286	4	13,788
Mathematician.....			0.4	1,562	0.6	1,920
Training officer.....					0.1	320
Grade 2. Range \$2,980 to \$3,640:			20.9	65,498	27.2	72,882
Grade 1. Range \$2,320 to \$2,980:			3.3	8,023	6	12,324
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer.....			1.3	5,899	2.9	11,442
Regional fiscal inspector.....			0.6	2,580	0.1	460
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer.....					0.2	780
Inspector of accounts.....					0.5	2,270
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....			1	3,757	3.4	11,074
Purchasing agent.....					0.6	1,920
Regional accountant.....					0.1	320
Grade 8. Range \$3,310 to \$3,970:			0.9	3,110	1	3,221
Grade 7. Range \$2,980 to \$3,640:			9.3	29,112	13.8	37,136
Grade 6. Range \$2,650 to \$3,310:			1.2	3,418	2	4,837
Grade 5. Range \$2,320 to \$2,980:			6	13,932	8.9	19,442
Grade 4. Range \$2,100 to \$2,496:			20.5	46,037	39.4	73,353

PERSONAL SERVICES, FIELD—continued		Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service—Continued							
Grade 3. Range \$1,902 to \$2,298.....				47.5		106.3	
					\$93,786		\$174,482
Grade 2. Range \$1,704 to \$2,100.....				39.5	69,257	39.9	58,595
Grade 1. Range \$1,506 to \$1,902.....				9.7	14,928	9.7	12,222
Subprofessional service:							
Grade 8. Range \$2,930 to \$3,640.....				9.5	30,002	20.8	54,362
Grade 7. Range \$2,650 to \$3,310.....				5.1	13,834	11.8	27,140
Grade 6. Range \$2,320 to \$2,980.....				7.4	18,453	38.3	78,759
Grade 5. Range \$2,100 to \$2,496.....				20.1	44,085	22.8	43,081
Grade 4. Range \$1,902 to \$2,298.....				26.3	50,023	24.1	41,767
Grade 3. Range \$1,704 to \$2,100.....				23.5	41,228	33.3	49,490
Crafts, protective, and custodial service:							
Grade 10. Range \$2,980 to \$3,640.....				1.3	3,991	2	5,562
Grade 9. Range \$2,650 to \$3,310.....				0.3	833	1.4	3,482
Grade 8. Range \$2,540 to \$3,200.....				8.6	22,790	12.9	29,339
Grade 7. Range \$2,364 to \$2,870.....				40.7	99,953	36.8	77,253
Grade 6. Range \$2,166 to \$2,562.....				5.2	11,936	7.6	14,582
Grade 5. Range \$1,968 to \$2,364.....				3.8	7,987	3.3	5,648
Grade 4. Range \$1,770 to \$2,166.....				10.3	19,299	8.6	13,272
Grade 3. Range \$1,572 to \$1,902.....				14.9	24,738	12.5	16,836
Grade 2. Range \$1,440 to \$1,770.....				8.2	12,273	7.9	9,481
Unclassified.....				19.5	41,484	26.8	52,558
Total permanent, field.....				517		803.3	
					1,507,952		2,078,602
Temporary employment, field.....				77	133,361	195	365,242
Part-time employment, field.....				0.2	158	0.5	1,002
W. A. E. employment, field.....				21.3	35,970	18.7	29,093
Casual employment, field.....				32.5	55,471	141	233,488
Overtime pay, field.....					44,400		505,004
Night-work differential, field.....					1,700		
Additional pay for foreign service, field.....					1,025		2,636
All personal services, field.....				648		1,158.5	
					1,780,037		3,215,067
Total, departmental and field.....				675.4		1,204.6	
					1,872,330		3,375,748
Deduct quarters and subsistence furnished.....					4,206		20,531
01 Personal services (net).....				675.4		1,204.6	
					1,868,124		3,355,217
OTHER OBLIGATIONS							
02 Travel.....					153,941		304,811
03 Transportation of things.....					18,037		39,190
04 Communication services.....					13,800		36,458
05 Rents and utility services.....					54,171		82,056
07 Other contractual services.....					19,127		67,757
08 Supplies and materials.....					339,323		729,170
09 Equipment.....					69,577		247,859
10 Lands and structures.....							16,703
Total other obligations.....					667,976		1,524,034
Grand total obligations.....					2,536,100		4,879,251
Reimbursements for services performed.....					—923		—575
Advanced from—							
War Department.....					—534,525		—1,016,169
Navy Department.....					—308,025		—284,700
Interior Department.....					—15,000		—34,032
Federal Works Agency.....							—385,573
Federal Power Commission.....					—960		—172
Department of Commerce.....					—8,000		—33,851
Office of Scientific Research and Development.....					—15,000		—40,000
War Production Board.....					—680,000		—1,793,975
Farm Security Administration.....							—3,508
Selective Service.....					—253,350		—316,554
Commodity Credit Corporation.....							—27,000
National Advisory Committee on Aeronautics.....							—15,000
Office for Emergency Management.....					—9,130		—15,150
Office of Price Administration.....					—4,216		—850
War Manpower Commission.....					—1,610		
United States Employment Service.....							—2,410,805
Prior year balance available in 1946.....					—760,009		+760,009
Estimated savings, unobligated balance.....					54,678		735,654
Total estimate or appropriation.....							
BY PROJECTS OR FUNCTIONS							
1. Winterizing and operating observation stations (War Department).....							\$5,134
2. Strength studies of wood, plywood, and glues for use in aircraft (War Department).....					\$68,947		55,329
3. General research and development program, plastics, glue evaluation, seasoning, etc., for aircraft (War Department).....						14,775	14,182
4. For mapping strategic areas (War Department).....						10,000	
5. Preparation of packaging inspection manual (War Department).....						325	8,627
6. Solving packaging and container problems, and for instruction courses in container construction and packaging (War Department, Ordnance).....						180,951	459,022



By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
7. Solving packaging and container problems (War Department, Army Air Forces)-----		\$227, 546	\$193, 914
8. Instruction courses on container construction and packaging (War Department)-----		28, 962	46, 367
9. Instruction courses for inspectors of aircraft wood, and instruction courses in container design (War Department)-----			2, 985
10. Protection of maneuver area, West Virginia (War Department)-----		1, 917	25, 103
11. Protection of Hunter Liggett Military Reservation, Calif. (War Department)-----		43, 897	89, 902
12. Certification of facilities for kiln drying of aircraft lumber (War Department)-----			25, 778
13. Development of nonmetallic land mines (War Department)-----			41, 560
14. Development of containers and packaging of communications equipment and parts (War Department)-----		9, 597	4, 691
15. Strength studies of wood, plywood, and glues in aircraft (Navy Department)-----		69, 025	55, 282
16. Textbook on kiln certification (Navy Department)-----			4, 452
17. Investigation of fibrous materials for sandwich construction (Navy Department)-----		9, 420	4, 255
18. Instruction courses on export packaging for Navy personnel (Navy Department)-----		9, 414	17, 998
19. Studies relating to the use of wood in boats, including laminated construction, fireproofing, preservation, etc. (Navy Department)-----		28, 622	54, 371
20. Development of plastic cartridge cases (Navy Department)-----		8, 716	6, 605
21. For mapping strategic areas (Navy Department)-----		287, 610	183, 381
22. Research in cargo flooring in naval aircraft (Navy Department)-----			8, 917
23. Research on fabrication of materials for high-speed naval aircraft (Navy Department)-----		10, 000	
24. Study of stress concentration in monostropic materials (National Advisory Committee on Aeronautics)-----		14, 080	568
25. Construction of a road from Las Vegas, Nev., to Three Kids Mine (Interior Department)-----			69
26. Protection of Oregon & California R. R. and reconveyed Coos Bay Wagon Road grant lands located within the boundaries of national forests (Interior Department)-----		11, 707	11, 995
27. Relocation of Forest Service facilities on lands subject to flooding from Shasta Dam, Calif. (Interior Department)-----		28, 328	968
28. Reconstruction of Forest Service telephone lines to eliminate power interference caused by Bonneville project (Interior Department)-----		5, 278	486
29. To cover cost of moving forest ranger station, Boise, Idaho (Interior Department)-----		10, 748	
30. Survey and study of future development in Columbia River Basin (Interior Department)-----		14, 978	
31. Investigation of applications, and construction, maintenance, and improvement of access roads to sources of raw materials (Federal Works Agency)-----		284, 798	1, 075, 677
32. Guard service for building occupied by war mapping project (Federal Works Agency)-----			131
33. Investigation and supervision of Federal Power Commission projects (Federal Power Commission)-----		960	783
34. Collection of forest-products data (Department of Commerce)-----		32, 321	8, 773
35. Use of Forest Service facilities in Alaska to provide fiscal, personnel, and procurement services (Office of Price Administration, War Manpower Commission, and United States Employment Service)-----		15, 064	14, 736
36. Survey of forest resources in other American republics (Coordinator of Inter-American Affairs)-----		69	1, 460
37. Photostating secret documents (Office of Scientific Research and Development)-----		21, 696	31, 602
38. Survey of cinchona resources of Colombia (Foreign Economic Administration)-----			329
39. Stimulating the production of forest products needed in the war effort (War Production Board)-----		578, 250	1, 145, 052
40. Gathering and furnishing information on the production, requirements, and supplies of forest products (War Production Board)-----		199, 572	278, 761

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By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
41. Pilot plant study of laminating ship timbers and structural timbers, design of furnace-type dry kiln, water repellents, etc. (War Production Board)-----		\$10, 107	\$122, 739
42. Pilot plant study of the Scholler process for the production of wood sugar and its conversion to ethyl alcohol (War Production Board)-----			27, 694
43. Operating civilian public service camps (Selective Service System)-----		249, 171	292, 340
44. Payments in lieu of taxes, and for insurance of Government property on Sublimity, Ky., and Drummond, Wis., rural rehabilitation projects (Farm Security Administration)-----		1, 862	4, 366
45. To cover costs incident to conducting tests on egg cases (Commodity Credit Corporation)-----		59	24, 025
46. Services performed for other agencies-----		923	575
47. Overtime pay-----		46, 375	528, 260
Grand total obligations-----		2, 536, 100	4, 879, 251
Adjustments (see objects schedule for detail)-----		-2, 536, 100	-4, 879, 251
Total estimate or appropriations-----			

Total, Forest Service, annual appropriations, general account:

Estimate 1947, \$38,251,500

Appropriated 1946, \$28,365,500

Permanent appropriations, special accounts:

**Payments to States and Territories From the National Forests Fund—**

Twenty-five percent of all money received from each forest reserve during any fiscal year is paid at the end thereof by the Secretary of the Treasury to the State or Territory in which the reserve is situated, to be expended as the State or Territorial legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which the forest reserve is situated. When any forest reserve is in more than one State or Territory, or county, the distributive share to each from the proceeds of the reserve is proportional to its area therein. (16 U. S. C. 500.)

Estimate 1947, \$3,900,000

Appropriated 1946, \$3,894,000

Revised 1946, \$4,001,000

11 Grants, subsidies, and contributions: Obligations—1947, \$3,900,000; 1946, \$4,001,000; 1945, \$4,005,438.

**Payments to School Funds, Arizona and New Mexico, National Forests Fund—**

At the close of each fiscal year there is paid by the Secretary of the Treasury to each of these two States, as income for its common-school fund, an amount equivalent to such proportion of the gross proceeds of all the national forests within the State as the area of lands granted to the State for school purposes within these forest reserves may bear to the total area of all national forests within these States. (Act of June 20, 1910, Public Law 219.)

Estimate 1947, \$40,000

Appropriated 1946, \$38,476

Revised 1946, \$40,000

11 Grants, subsidies, and contributions: Obligations—1947, \$40,000; 1946, \$40,000; 1945, \$38,476.

**Roads and Trails for States, National Forests Fund—**

An additional 10 percent of all moneys received from the national forests during each fiscal year is available at the end thereof, to be expended by the Secretary for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived. (16 U. S. C. 501.)

Estimate 1947, \$1,560,000

Appropriated 1946, \$1,557,000

Revised 1946, \$1,600,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, FIELD	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Assistant regional forester-----	1	\$ 8,860	1	\$ 6,807	0.8	\$ 4,500
Grade 5. Range \$5,180 to \$6,020:						
Forester-----	1.3	7,616	1.3	7,499	0.8	4,243
Engineer-----	0.1	518	0.1	518	0.6	2,773



## FOREST SERVICE—Continued

## Roads and Trails for States, National Forests Fund—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD—continued</b>						
Professional service—Continued						
Grade 4. Range \$4,300 to \$5,180:						
Engineer.....	1.4	\$6,585	1.4	\$6,585	0.5	\$2,000
Highway bridge engineer.....					0.7	3,000
Grade 3. Range \$3,640 to \$4,300:						
Forester.....	2.5	9,815	2.5	9,701	0.7	2,318
Engineer.....	12.3	47,340	12.3	46,926	4.7	15,951
Grade 2. Range \$2,980 to \$3,640.....	0.6	1,854	0.6	1,821	2.8	7,697
Grade 1. Range \$2,320 to \$2,980.....					0.1	200
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Fiscal accountant.....	2.5	10,200	2.5	10,172	1	3,558
Superintendent of construction.....	0.5	1,820	0.5	1,820	0.4	1,346
Grade 8. Range \$3,310 to \$3,970.....					0.2	580
Grade 7. Range \$2,980 to \$3,640.....					0.6	1,625
Grade 6. Range \$2,650 to \$3,310.....	2.1	5,796	2.1	5,786	1.1	2,530
Grade 5. Range \$2,320 to \$2,980.....	1.1	2,794	1.1	2,744	2.5	5,190
Grade 4. Range \$2,100 to \$2,496.....	6.5	14,482	6.5	14,371	4.4	8,335
Grade 3. Range \$1,902 to \$2,298.....	11.4	23,164	11.4	23,021	3.7	6,199
Grade 2. Range \$1,704 to \$2,100.....	5.6	9,606	5.6	9,544	4.8	7,006
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640.....	0.8	2,384	0.8	2,384	1	2,698
Grade 7. Range \$2,650 to \$3,310.....	1.5	4,636	1.5	4,636	1.1	2,893
Grade 6. Range \$2,320 to \$2,980.....	4.9	12,127	4.9	12,006	4.3	9,158
Grade 5. Range \$2,100 to \$2,496.....	17.3	37,760	17.3	37,344	16.3	30,114
Grade 4. Range \$1,902 to \$2,298.....	10.3	20,902	10.3	20,779	7.2	12,537
Grade 3. Range \$1,704 to \$2,100.....	5.2	9,201	5.2	9,138	2	2,936
Grade 2. Range \$1,572 to \$1,968.....					0.1	132
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640.....	4	11,920	4	11,920	1.7	4,718
Grade 9. Range \$2,650 to \$3,310.....	1.3	3,785	1.3	3,699	0.7	1,612
Grade 8. Range \$2,540 to \$3,200.....	10.4	27,820	10.4	27,760	7.5	16,679
Grade 7. Range \$2,364 to \$2,870.....	5.8	14,294	5.8	14,219	6.5	13,260
Grade 6. Range \$2,166 to \$2,562.....	8.5	18,684	8.5	18,576	5.4	10,044
Grade 5. Range \$1,968 to \$2,364.....					0.1	170
Grade 4. Range \$1,770 to \$2,166.....	2.1	3,783	2.1	3,759	0.7	1,080
Grade 2. Range \$1,440 to \$1,770.....					0.1	120
Unclassified.....	27.6	66,822	27.6	66,822	31.7	64,973
Total permanent, field.....	148.6	382,568	148.6	380,357	116.8	252,475
Temporary employment, field.....	111.8	230,678	111.8	230,678	108.4	195,536
W. A. E. employment, field.....	62	90,970	62	90,970	16.8	27,365
Casual employment, field.....	161	256,436	140.2	237,647	130.2	197,055
Overtime pay, field.....		244		21,000		116,754
Additional pay for foreign service, field.....				244		765
All personal services, field.....	483.4	960,896	462.6	960,896	372.2	789,950
Deduct quarters and subsistence furnished.....		4,500		4,500		4,928
01 Personal services (net).....	483.4	956,396	462.6	956,396	372.2	785,022
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		15,040		15,040		14,780
03 Transportation of things.....		7,580		7,580		7,685
04 Communication services.....		875		875		551
05 Rents and utility services.....		3,709		3,709		5,316
07 Other contractual services.....		18,350		18,350		73,398
08 Supplies and materials.....		373,789		393,789		330,065
09 Equipment.....		184,261		204,261		169,456
10 Lands and structures.....						1
13 Refunds, awards, and indemnities.....						75
Total other obligations.....		603,604		643,604		601,327
Grand total obligations.....		1,560,000		1,600,000		1,386,349
Reimbursements for services performed.....						-6,005
Prior year balance available in 1945.....						-1,305,340
1945 balance available in 1946.....				-1,527,001		+1,527,001
1946 balance available in 1947.....				+1,527,001		
1947 balance available in 1948.....						
Net total obligations.....		1,560,000		1,600,000		1,602,005
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+170
Total estimate or appropriation.....		1,560,000		1,600,000		1,602,175

Total, Forest Service, special accounts:

Estimate 1947, \$5,500,000      Appropriated 1946, \$5,489,476  
 Revised 1946, \$5,641,000

Total, Forest Service, general and special accounts:

Estimate 1947, \$43,751,500      Appropriated 1946, \$33,854,976  
 Revised 1946, \$34,006,500

## Trust account:

## Cooperative Work, Forest Service—

All moneys received as contributions toward cooperative work in forest investigations, or the protection and improvement of the national forests, including deposits received from timber purchases to cover the cost to the United States of disposing of brush and other debris resulting from cutting operations in sales of national forest timber, are covered into the Treasury and constitute a special fund, which is appropriated and made available until expended, as the Secretary may direct, for the payment of the expenses of the investigations, protection, or improvements by the Forest Service, and for refunds to the contributors of amounts paid in by them in excess of their share of the cost of the investigations, protection, or improvements. (16 U. S. C. 490, 498, 572, 581; 31 U. S. C. 725s.)

Estimate 1947, \$2,000,000

Appropriated 1946, \$2,000,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Engineer.....	0.2	\$1,246	0.2	\$1,246	0.3	\$1,854
Technologist.....	0.1	623	0.1	623	0.4	2,240
Forester.....					0.4	2,254
Chemist.....					0.1	640
Grade 5. Range \$5,180 to \$6,020:						
Chemist.....					0.8	3,795
Engineer.....	0.2	1,176	0.2	1,176	0.3	1,350
Forester.....					0.1	498
Technologist.....					0.1	460
Grade 4. Range \$4,300 to \$5,180:						
Chemist.....	0.2	1,036	0.2	1,036	0.3	1,158
Engineer.....	0.7	3,297	0.7	3,297	0.1	490
Forester.....					0.1	490
Silviculturist.....					1.3	5,000
Technologist.....	0.2	1,036	0.2	1,036	0.1	400
Grade 3. Range \$3,640 to \$4,300:						
Chemist.....	0.3	1,095	0.3	1,095	0.9	2,969
Engineer.....	0.8	2,912	0.8	2,912	0.4	1,280
Forester.....	1.5	5,370	1.5	5,370	1.2	3,891
Technologist.....	0.5	1,910	0.5	1,910	0.7	2,264
Improvement superintendent.....	0.1	364	0.1	364	0.1	320
Parachute rigger.....					0.3	1,095
Grade 2. Range \$2,980 to \$3,640.....	3.5	11,057	3.5	11,057	1.5	4,050
Grade 1. Range \$2,320 to \$2,980.....					1.3	2,600
Clerical, administrative, and fiscal service:						
Grade 10. Range \$3,970 to \$4,630:						
Fiscal inspector.....	0.7	3,074	0.7	3,074		
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	0.1	364	0.1	364	1.1	3,725
Logging superintendent.....	1	3,750	1	3,750	1	3,200
Fiscal accountant.....	1	3,915	1	3,915		
Grade 7. Range \$2,980 to \$3,640.....	1.5	4,450	1.5	4,450	1.8	4,748
Grade 5. Range \$2,320 to \$2,980.....	3.2	8,401	3.2	8,401	0.8	1,654
Grade 4. Range \$2,100 to \$2,496.....	2.1	4,497	2.1	4,497	8	14,860
Grade 3. Range \$1,902 to \$2,298.....	12.5	24,423	12.5	24,423	8.7	15,368
Grade 2. Range \$1,704 to \$2,100.....	12.1	21,249	12.1	21,249	5.3	8,195
Grade 1. Range \$1,506 to \$1,902.....	0.2	302	0.2	302	0.7	926
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640.....	2.5	7,450	2.5	7,450	1.4	3,640
Grade 7. Range \$2,650 to \$3,310.....	26.1	71,921	26.1	71,921	23.8	56,331
Grade 6. Range \$2,320 to \$2,980.....	33.5	80,252	33.5	80,252	24.4	55,566
Grade 5. Range \$2,100 to \$2,496.....	70.6		70.6		44	
		151,824		151,824		81,419
Grade 4. Range \$1,902 to \$2,298.....	32.1	62,364	32.1	62,364	23.3	40,336
Grade 3. Range \$1,704 to \$2,100.....	13.7	23,840	13.7	23,840	9.3	13,908
Grade 2. Range \$1,572 to \$1,968.....					0.6	792
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640.....	0.2	596	0.2	596	0.2	640
Grade 9. Range \$2,650 to \$3,310.....	1.2	3,213	1.2	3,213	1.3	3,389
Grade 8. Range \$2,540 to \$3,200.....	2	5,638	2	5,638	1.3	2,973
Grade 7. Range \$2,364 to \$2,870.....	6.7	16,293	6.7	16,293	5.8	12,296
Grade 6. Range \$2,166 to \$2,562.....	6	13,194	6	13,194	4.2	7,812
Grade 5. Range \$1,968 to \$2,364.....	0.4	788	0.4	788	0.7	1,191
Grade 4. Range \$1,770 to \$2,166.....					0.6	995
Grade 3. Range \$1,572 to \$1,902.....	0.2	315	0.2	315	0.2	293
Unclassified.....	24	52,648	24	52,648	25.8	52,286
Total permanent, field.....	261.9		261.9		205.1	
		596,113		596,113		425,581
Temporary employment, field.....	341		341		274.2	
		663,975		663,975		505,111
Part-time employment, field.....	0.2	200	0.2	200	0.2	78
W. A. E. employment, field.....	45.7	73,024	45.7	73,024	28.2	46,525
Casual employment, field.....	367.6		367.6		353.4	
		622,831		622,831		561,408
Overtime pay, field.....		589		59,291		315,728
Additional pay for foreign service, field.....				589		445
All personal services, field.....	1,016.4		1,016.4		\$61.1	
		1,956,732		2,016,023		1,854,876
Deduct quarters and subsistence furnished.....		33,351		33,351		31,589
01 Personal services (net).....	1,016.4		1,016.4		\$61.1	
		1,923,381		1,982,672		1,823,287



By objects	Obligations			By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945		Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS							
02 Travel.....	\$9,892	\$9,892	\$12,853	1. Construction of improvements.....	\$323,000	\$323,000	\$287,141
03 Transportation of things.....	30,100	30,100	28,863	2. Maintenance of improvements.....	342,000	342,000	305,204
04 Communication services.....	3,929	3,929	3,739	3. Prevention and suppression of forest fires.....	589,000	589,000	523,270
05 Rents and utility services.....	13,707	13,707	12,603	4. Disposal of brush and other debris in timber sale operations and sale area betterment.....	991,513	991,513	752,532
07 Other contractual services.....	99,658	99,658	115,778	5. Forest investigations.....	176,000	176,000	156,160
08 Supplies and materials.....	295,856	295,856	322,779	6. Administration.....	61,500	61,500	55,040
09 Equipment.....	110,690	110,690	86,974	7. Reforestation.....	4,900	4,900	4,230
11 Grants, subsidies, and contributions.....	700	700	178	8. Refunds to cooperators.....	26,000	26,000	39,288
13 Refunds, awards, and indemnities.....	26,000	26,000	39,288	9. Services performed for other agencies.....			7,749
Total other obligations.....	590,532	590,532	623,055	10. Overtime pay.....		59,291	315,728
Grand total obligations.....	2,513,913	2,573,204	2,446,342	Grand total obligations.....	2,513,913	2,573,204	2,446,342
Reimbursements for services performed.....			-7,749	Adjustments (see objects schedule for detail).....	-513,913	-573,204	+959,726
Prior year funds available in 1945.....			-2,936,698	Total estimate or appropriation.....	2,000,000	2,000,000	3,406,068
1945 funds available in 1946.....		-3,904,173	+3,904,173				
1946 funds available in 1947.....	-3,330,969	+3,330,969					
1947 funds available in 1948.....	+2,817,056						
Total estimate or appropriation.....	2,000,000	2,000,000	3,406,068				

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles and aircraft for the fiscal year ending June 30, 1947

## FOREST SERVICE

Appropriation	Vehicles (motor unless otherwise indicated) or aircraft to be purchased		Old vehicles or aircraft to be exchanged		Net cost of vehicles or aircraft to be purchased	Old vehicles or aircraft still to be used	Total maintenance, repair, and operation, all vehicles or aircraft	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Forest Service:								
General administrative expenses:						1	\$300	Used for transportation of employees of chief's office on official business in the District of Columbia.
Protection and management of national forests.	150	\$157,500	148	\$44,400	\$113,100	408	139,500	Used by forest officers engaged in protection, management, utilization, and development of the national forests.
Do	14	70,000			70,000	13	17,000	Used for transportation of men and supplies, including "smoke jumpers," to inaccessible areas for reconnaissance of large fires and for detection services in remote areas and after lightning storms.
Forest and range management investigations.	44	46,200	32	9,600	36,600	60	26,000	Used by technicians employed at experimental forests and ranges and by those engaged on research projects directed from experiment station headquarters.
Forest products	6	6,300	6	1,800	4,500	7	3,250	Used by employees assigned to forest utilization units at forest experiment stations.
Forest resources	62	65,100	12	3,600	61,500	12	18,500	Used by individuals and crews assigned to the comprehensive forest survey.
Farm and other private forestry co-operation.						21	6,350	Used by foresters engaged in the task of improving forestry practices on State and private land.
Acquisition of lands	31	32,550			32,550		7,750	Used by land examiners and survey crews engaged in the purchase of forest land.
Total	297	377,650	193	59,400	318,250	522	218,650	

<sup>1</sup> Aircraft.

## FOREST ROADS AND TRAILS

## Forest Roads and Trails—

For carrying out the provisions of section 23 of the Federal Highway Act approved November 9, 1921, as amended (23 U. S. C. 23, 23a), and for the construction, reconstruction, and maintenance of roads and trails on experimental areas under Forest Service administration, (1) **[\$4,418,778]** **\$12,500,000** for forest development roads and trails, *which sum is authorized to be appropriated by the Act of December 20, 1944 (Public Law 521)* [(including not to exceed \$68,846 for personal services in the District of Columbia)], and (2) **[\$1,500,000]** **\$23,714,222** for [maintenance and reconstruction of] forest highways, which latter sum [is part] consists of (a) the balance of the amount [of \$5,714,222] authorized to be appropriated for the fiscal year 1942 and the amount authorized to be appropriated for the fiscal year 1943 by the Act of September 5, 1940 (54 Stat. 867, Public Law 780—Seventy-sixth Congress), and (b) **\$14,500,000**, a part of the amount authorized to be appropriated by the Act of December 20, 1944 (Public Law 521), in all, **[\$5,918,778]** **\$36,214,222** (including not to exceed \$99,804 for personal services in the District of Columbia), to be immediately available and to remain available until expended: *Provided*, That this appropriation shall be available for the rental, purchase, construction, or alteration of buildings necessary for the storage and repair of equipment and supplies used for road and trail construction and maintenance, but the total cost of any such building purchased, altered, or constructed under this authorization shall not exceed \$10,000, with the exception that any building erected, purchased, or acquired, the cost of which was \$10,000 or more, may be improved within any fiscal year by an amount not to exceed 2 per centum of the cost of such building as certified by the Secretary [

and that \$10,200 may be expended for the installation of a heating plant in, and for other betterments to the Sellwood shop buildings in Portland, Oregon].

【Forest roads and trails: For an additional amount, fiscal year 1946, for "Forest roads and trails", including the objects and subject to the conditions specified under this head in the Department of Agriculture Appropriation Act, 1946, \$4,000,000, to remain available until expended, of which amount \$2,000,000 is for forest development roads and trails, being a part of the \$12,500,000 authorized to be appropriated for the first postwar fiscal year by the Act of December 20, 1944 (58 Stat. 838), and \$2,000,000 is for forest highways, being a part of the balance of the \$7,000,000 authorized to be appropriated for the fiscal year 1942 by the Act of September 5, 1940 (54 Stat. 867).】 (Act of May 5, 1945, Public Law 52; Act of Dec. 28, 1945, Public Law 269.)

Annual appropriation, general account:

Estimate 1947, **\$36,214,222**

Appropriated 1946, **\$9,918,778**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>Forest highways</b>			
<b>PERSONAL SERVICES</b>			
01 Personal services (net) (for detail see "Forest road development" schedule below)	Man- Total years salary	Man- Total years salary	Man- Total years salary
	53.9 \$148,403	18.4 \$34,683	28.5 \$49,926



## FOREST ROADS AND TRAILS—Continued

## Forest Roads and Trails—Continued

By objects	Obligations			Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>Forest highways—Continued</b>						
<b>OTHER OBLIGATIONS</b>						
02 Travel.....	\$9,500	\$1,200	\$632			
03 Transportation of things.....	400	300	150			
04 Communication services.....	3,100	2,700	1,362			
05 Rents and utility services.....	500	300	114			
07 Other contractual services.....	23,512,222	3,424,820				
08 Supplies and materials.....	30,097	25,997	15,489			
09 Equipment.....	10,000	10,000	4,910			
Total other obligations.....	23,565,819	3,465,317	22,657			
Grand total obligations.....	23,714,222	3,500,000	72,583			
Reimbursements for services performed			-4,330			
Prior year balance available in 1945.....			-110,169			
1945 balance available in 1946.....		-41,916	+41,916			
1946 balance available in 1947.....	-41,916	+41,916				
1947 balance available in 1948.....	+41,916					
Total, forest highways.....	23,714,222	3,500,000				
<b>Forest road development</b>						
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Professional service:	Man- Total	Man- Total	Man- Total	Man- Total	Man- Total	Man- Total
Grade 7. Range \$7,175 to \$8,225:	years salary	years salary	years salary	years salary	years salary	years salary
Engineer.....	0.5 \$3,719	0.5 \$3,719				
Grade 6. Range \$6,230 to \$7,070:			0.5 \$3,232			
Engineer.....						
Grade 5. Range \$5,180 to \$6,020:						
Engineer.....	1.5 9,030	1.5 9,030	1.2 6,360			
Grade 4. Range \$4,300 to \$5,180:						
Engineer.....	6.5 31,470	4.5 21,550	2 9,000			
Grade 2. Range \$2,980 to \$3,640:	1 3,200	1 3,200	1 2,700			
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer.....	1 5,180	1 5,180	0.9 3,557			
Grade 7. Range \$2,980 to \$3,640:	1 3,090	1 3,090	0.6 1,610			
Grade 6. Range \$2,650 to \$3,310:	1 2,760	1 2,742	0.4 875			
Grade 5. Range \$2,320 to \$2,980:	1.5 3,810	1.5 3,782	0.7 1,586			
Grade 4. Range \$2,100 to \$2,496:	3.5 8,076	3 6,861	2.3 4,556			
Grade 3. Range \$1,902 to \$2,298:	4 8,006	2 3,988	2 3,381			
Grade 2. Range \$1,704 to \$2,100:	1 1,704	1 1,704	0.2 261			
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310:	5.5 16,555	3.5 10,265	1.9 5,583			
Grade 4. Range \$1,902 to \$2,298:			0.1 202			
Grade 3. Range \$1,704 to \$2,100:	1 1,704	1 1,704	0.2 232			
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770:			0.2 187			
Total permanent, departmental.....	29 98,304	22.5 76,815	14.2 43,322			
W. A. E. employment, departmental.....	1 1,500	1 1,500	0.2 227			
Overtime pay, departmental.....		864	7,424			
All personal services, departmental.....	30 99,804	23.5 79,179	14.4 50,973			
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director.....	0.2 1,435	0.2 1,435	0.3 1,950			
Grade 6. Range \$6,230 to \$7,070:						
Assistant regional forester.....	4 26,080	4 25,980	4.4 25,737			
Grade 5. Range \$5,180 to \$6,020:						
Assistant to assistant regional forester.....			1.1 5,850			
Civil engineer.....	4 22,190	4 22,081	2.2 10,367			
Forester.....	0.5 2,695	0.5 2,695	0.7 3,334			
Engineer.....	11.2 63,182					
Highway engineer.....	1.9 10,808	1.9 10,704	2 9,866			
Grade 4. Range \$4,300 to \$5,180:						
Assistant forest supervisor.....	1 4,520	1 4,334				
Civil engineer.....	6.9 32,706	6.9 32,664	6.8 27,721			
Construction engineer.....	1 4,740	1 4,584	0.5 1,950			
Engineer.....	16.5 76,890					
Equipment engineer.....			1.5 6,637			
Forester.....	0.2 1,036	0.2 1,036	0.6 2,297			
Highway bridge engineer.....	1 4,740		0.2 920			
Topographical engineer.....	0.4 2,066	0.4 2,066	1 4,200			
Grade 3. Range \$3,640 to \$4,300:						
Architect.....			0.6 1,920			
Assistant forest supervisor.....	1.7 6,485	1.7 6,409				
Cadastral engineer.....	0.8 3,352	0.8 3,346				
Civil engineer.....	26.4	26.4	23.6			
Construction engineer.....	2 102,230	2 101,716	2.7 80,717			
Engineer.....	47.2 7,940	2.2 7,910	1.3 8,967			
Forester.....	181,730	8,320	4,497			
Highway engineer.....	8.2 31,370	8.2 31,210	9 29,584			
Improvement superintendent.....	3 11,580	3 11,521	2.9 9,611			
Logging engineer.....	4.7 17,730	4.7 17,638	0.3 1,140			
Structural engineer.....	0.5 2,040	0.5 2,010	0.8 2,560			
Topographic engineer.....	0.1 382	0.1 382	1.1 3,601			
Grade 2. Range \$2,980 to \$3,640:	48.6	25.1	17.9			
	158,045	80,798	49,962			
Grade 1. Range \$2,320 to \$2,980:			0.8 1,600			
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer.....	0.2 860	0.2 860				
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer.....			0.4 1,500			
Inspector of accounts.....			0.8 2,917			
Regional fiscal inspector.....			0.4 1,625			



Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## FOREST ROADS AND TRAILS

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Forest roads and trails.....	9	\$9,450	1	\$300	\$9,150	55	\$16,250	Used by regional office staff assistants in road work.

## [EMERGENCY RUBBER PROJECT]

## Emergency Rubber Project, Department of Agriculture—

For all expenses necessary to enable the Secretary to carry into effect the Act of March 5, 1942, as amended (7 U. S. C. 171-175), including personal services in the District of Columbia and elsewhere; printing and binding without regard to section 11 of the Act of March 1, 1919 (44 U. S. C. 111); purchase of books of reference and periodicals; erection of necessary buildings; procurement of medical supplies or services for emergency use in the field; and the acceptance of donations of land and rubber-bearing plants, and furnishing to employees daily transportation between points of assembly and work projects, there is hereby continued available, in accordance with section 3 of said Act of March 5, 1942, not to exceed \$4,253,662 of the unobligated balances of appropriations made under this head for the fiscal years 1942 and 1943, which balances shall be merged with the appropriation made under this head in the Department of Agriculture Appropriation Act, 1944: *Provided*, That any proceeds from the sales of guayule, rubber processed from guayule, or other rubber-bearing plants, or from other sales, rentals, and fees resulting from operations under such Act of March 5, 1942, as amended, shall be covered into the Treasury as miscellaneous receipts.]

[Emergency rubber project: The appropriation entitled "Emergency rubber project" in the Department of Agriculture Appropriation Act, 1946, is hereby amended to read as follows:]

For all expenses necessary to enable the Secretary to carry into effect the Act of March 5, 1942, as amended (7 U. S. C. 171-175), including the harvesting and delivery of guayule shrub to the Rubber Reserve Company, a Government-owned corporation, for processing in mills to be operated by said Company; personal services in the District of Columbia and elsewhere; printing and binding without regard to section 11 of the Act of March 1, 1919 (44 U. S. C. 111); purchase of books of reference and periodicals; erection of necessary buildings; procurement of medical supplies or services for emergency use in the field; and the acceptance of donations of land and rubber-bearing plants, and furnishing to employees daily transportation between points of assembly and work projects, there is hereby continued available, in accordance with section 3 of said Act of March 5, 1942, not to exceed \$4,253,662 of the unobligated balances of appropriations made under this head for the fiscal years 1942 and 1943, which balances shall be merged with the appropriation made under this head in the Department of Agriculture Appropriation Act, 1944: *Provided*, That any proceeds from the sales of guayule, rubber processed from guayule, or other rubber-bearing plants, or from other sales, rentals, and fees resulting from operations under such Act of March 5, 1942, as amended, shall be covered into the Treasury as miscellaneous receipts: *Provided further*, That guayule shrub may be sold to the Rubber Reserve Company, at a price reflecting the net realization from the sale of the rubber recovered from such shrub in mills operated by said Company after deducting the cost of milling and amortization of the cost of mills constructed for the purpose by said Company."] (Act of May 5, 1945, Public Law 52; Act of July 5, 1945, Public Law 132.)

By objects	Obligations				
	Estimate, 1947		Estimate, 1946		Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>					
Professional service:	Man-years	Total salary	Man-years	Total salary	Man-years
Grade 6. Range \$6,230 to \$7,070:					
Biochemist.....					0.7 4,405
Clerical, administrative, and fiscal service:					
Grade 4. Range \$2,100 to \$2,496.....	1	\$2,166	2	\$4,302	3 5,444
Grade 3. Range \$1,902 to \$2,298.....			1	2,034	0.7 1,140
Total permanent, departmental.....	1	2,166	3	6,336	4.4 10,989
Overtime pay, departmental.....				180	1,853
All personal services, departmental.....	1	2,166	3	6,516	4.4 12,842

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Director.....			0.9	\$6,818	1	\$6,500
Grade 6. Range \$6,230 to \$7,070:						
Assistant director.....	0.5	\$3,535	1.7	11,900	2	12,150
District supervisor.....			1	7,070	1	6,400
Civil engineer.....			0.7	4,830	1	5,600
Ecologist.....			0.9	5,710	0.5	3,120
Forester.....	1	6,650	3.7	24,570	4.5	24,927
Plant physiologist.....			0.7	4,830	1	5,800
Chemical engineer.....			0.7	5,145	0.7	4,250
Grade 5. Range \$5,180 to \$6,020:						
District supervisor.....			1.9	10,195	2.4	11,104
Ecologist.....			0.1	450	1	4,600
Forester.....			1.6	8,710	2.9	14,023
Civil engineer.....					0.2	984
Land appraiser.....	0.5	2,695	1	5,300	1	4,600
Agriculturist.....			0.9	4,870	1	4,626
Rubber technologist.....			0.7	4,020	1	4,600
Grade 4. Range \$4,300 to \$5,180:						
Structural engineer.....			0.9	4,143	1	3,800
District supervisor.....			0.7	3,015	1	3,800
Agriculturist.....			2.9	13,085	0.5	1,900
Hydraulic engineer.....			0.4	1,850	2	7,600
Mechanical engineer.....			1.4	6,260	1.2	4,590
Forester.....			1.4	6,280	4.7	17,896
Ecologist.....			1.5	6,582	0.1	483
Architect.....			0.5	2,175	0.1	317
Land appraiser.....	0.4	1,883	1.5	6,450	0.5	1,900
Grade 3. Range \$3,640 to \$4,300:						
Agriculturist.....	0.3	1,270	9.8	36,630	6.3	20,437
Ecologist.....			1.5	5,598	2.8	8,984
Forester.....					2.2	7,470
Civil engineer.....			2.2	8,490	2.9	9,730
Electrical engineer.....			0.6	2,224	1	3,275
Hydraulic engineer.....					0.3	1,150
Mechanical engineer.....					1.6	4,855
Land appraiser.....					0.7	2,265
Rubber technologist.....			0.7	2,430		
Soil surveyor.....					0.2	990
Grade 2. Range \$2,980 to \$3,640:			1.3	3,890	5.4	14,278
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer.....	0.5	3,115	0.8	5,190		
Grade 12. Range \$5,180 to \$6,020:						
Fiscal agent.....	0.5	2,695	1	5,390	1	4,600
Administrative officer.....	0.1	435	1.9	10,344	1.6	7,475
Manager, Salinas assay laboratory.....			0.8	4,510	1	4,750
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer.....	1	4,405	2.1	8,970	3.8	14,678
Deputy fiscal agent.....	0.4	1,885	1	4,520	1	3,800
Grade 10. Range \$3,970 to \$4,630:						
Fiscal inspector.....			1	4,160	1	3,575
Grade 9. Range \$3,640 to \$4,300:						
Fiscal accountant.....	0.9	3,440	2	7,450	2	6,405
Administrative assistant.....	1.7	7,095	12.4	47,122	15.2	50,648
Grade 8. Range \$3,310 to \$3,970:			0.7	2,210	0.4	1,392
Grade 7. Range \$2,980 to \$3,640:			11.6	36,205	10.6	27,742
Grade 6. Range \$2,650 to \$3,310:			0.5	1,460	3.8	10,238
Grade 5. Range \$2,320 to \$2,980:			4.8	12,110	21.3	52,594
Grade 4. Range \$2,100 to \$2,496:			3.8	8,338	26.4	57,210
Grade 3. Range \$1,902 to \$2,298:			3.3	6,459	34.4	67,021
Grade 2. Range \$1,704 to \$2,100:			0.3	430	10	17,453
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:			2.7	8,147	8.5	23,530
Grade 7. Range \$2,650 to \$3,310:			3.5	9,412	4	10,115
Grade 6. Range \$2,320 to \$2,980:			1.3	3,243	3.4	7,000
Grade 5. Range \$2,100 to \$2,496:					0.1	85
Grade 4. Range \$1,902 to \$2,298:			1.6	3,020	0.7	1,200
Grade 3. Range \$1,704 to \$2,100:			4	6,890	8.8	12,808
Grade 2. Range \$1,572 to \$1,968:			3.2	5,035	6.7	8,873
Crafts, protective, and custodial service:						
Grade 10. Range \$2,980 to \$3,640:			6.4	20,050	5.8	15,711
Grade 4. Range \$1,770 to \$2,166:					0.1	150
Grade 3. Range \$1,572 to \$1,968:			0.7	1,085	2	2,640
Unclassified:						
Chemical engineer.....					0.3	1,750
Automobile mechanic.....			0.6	1,840	1.2	2,833
Total permanent, field.....	22.8	73,950	199.7	612,974	251.6	653,102
Temporary employment, field.....	2	3,400	11	18,744	13.2	18,571
W. A. E. employment, field.....					0.8	1,739
Casual employment, field.....	20		715		641.6	
Overtime pay, field.....		56,000		1,444,912		1,260,943
				18,285		127,024



**[EMERGENCY RUBBER PROJECT]—Continued**  
**Emergency Rubber Project, Department of Agriculture—Con.**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Night-work differential, field.....		\$500	
All personal services, field.....	44.8 \$133,350	925.7 2,095,415	907.2 \$2,061,379
Total, departmental and field.....	45.8 135,516	928.7 2,101,931	911.6 2,074,221
Deduct quarters and subsistence furnished.....		1,000	2,388
01 Personal services (net).....	45.8 135,516	928.7 2,100,931	911.6 2,071,833
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	28,000	50,000	55,529
03 Transportation of things.....	37,000	56,400	53,170
04 Communication services.....	6,000	16,000	15,782
05 Rents and utility services.....	12,000	965,600	1,001,978
07 Other contractual services.....	5,000	50,000	57,525
08 Supplies and materials.....	16,184	412,694	453,395
09 Equipment.....	300	23,000	154,793
10 Lands and structures.....			201,810
13 Refunds, awards, and indemnities.....	10,000	20,000	11,966
Total other obligations.....	114,484	1,593,694	2,035,948
Grand total obligations.....	250,000	3,694,625	4,107,781
Reimbursements for services performed.....			-63,968
Allotted to—			
Bureau of Plant Industry, Soils, and Agricultural Engineering.....		+60,580	+251,372
Bureau of Agricultural and Industrial Chemistry.....		+46,766	+40,077
Bureau of Entomology and Plant Quarantine.....		+538	+5,458
Transferred to "Salaries and expenses, Office of Solicitor, Department of Agriculture".....		+12,500	+25,000
Reappropriation of prior year balance in 1946.....		-4,253,662	
1945 balance reappropriated in 1945.....			-3,020,985
1944 balance available in 1945.....			-2,806,757
1945 balance available in 1946.....		-1,461,137	+1,461,137
1946 balance available in 1947.....	-250,000	+250,000	
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+885
Estimated savings, unobligated balance.....		1,649,790	
Total estimate or appropriation.....			
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Guayule rubber program.....	\$250,000	\$3,676,160	\$3,914,936
2. Services performed for other agencies.....			63,968
3. Overtime pay.....		18,465	123,877
Grand total obligations.....	250,000	3,694,625	4,107,781
Adjustments (see objects schedule for detail).....	-250,000	-3,694,625	-4,107,781
Total estimate or appropriation.....			

**SOIL CONSERVATION SERVICE**

**Salaries and Expenses, Soil Conservation Service—**

To carry out the provisions of "An Act to provide for the protection of land resources against soil erosion, and for other purposes", approved April 27, 1935 (16 U. S. C. 590a-590f), which provides for a national program of erosion control and soil and water conservation [to be carried out directly and in cooperation with other agencies], including the employment of persons and means in the District of Columbia and elsewhere (but not to exceed \$870,000 \$1,027,000 may be expended for personal services in the District of Columbia), purchase of books and periodicals, purchase, maintenance, repair, and operation of one passenger-carrying automobile in the District of Columbia, furnishing of subsistence to employees, [training of employees,] operation and maintenance of aircraft, and the purchase and erection or alteration of permanent buildings: *Provided*, That the cost of any building purchased, erected, or as improved, exclusive of the cost of constructing a water supply or sanitary system and connecting the same with any such building, shall not exceed \$2,500 except where buildings are acquired in conjunction with land being purchased for other purposes and except for eight buildings to be constructed at a cost not to exceed \$15,000 per building: *Provided further*, That no money appropriated in this Act shall be available for the construction of any such building on land not owned by the

Government: *Provided further*, That in the State of Missouri where the State has established a central State agency authorized to enter into agreements with the United States or any of its agencies on policies and general programs for the saving of its soil by the extension of Federal aid to any soil conservation district in such State, the agreements made by or on behalf of the United States with any such soil conservation district shall have the prior approval of such central State agency before they shall become effective as to such district, as follows: (5 U. S. C. 511-512—establishing the Department of Agriculture; 565a; 16 U. S. C. 590a-590f—establishing the Soil Conservation Service; 590g-1. The foregoing citations apply to all appropriation items under the Soil Conservation Service; Act of May 5, 1945, Public Law 52.)

Soil conservation research: For research and investigations into the character, cause, extent, history, and effects of erosion, soil and moisture depletion and methods of soil and water conservation (including the construction and hydrologic phases of farm irrigation and land drainage, and water regulation to conserve the soil and reduce fire hazards in the Everglades region of Florida, except that expenditures for all work in the Everglades region shall be limited to a sum not in excess of funds made available for such work by the State of Florida, or political subdivisions thereof); and for construction, operation, and maintenance of experimental watersheds, stations, laboratories, plots, and installations; [\$1,063,000] \$1,278,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,278,000

Appropriated 1946, \$1,063,000

\* Includes \$64,000 transferred from "Salaries and expenses, Soil Conservation Service," erosion control, Everglades region, Florida. For comparative purposes the amounts available for 1945 and 1946 are shown in the schedule as transfers.

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Chief of research.....	1 \$7,700	1 \$7,700	1 \$6,750
Grade 6. Range \$6,230 to \$7,070:			
Agronomy research specialist.....	1 7,070	1 7,070	1 6,400
Assistant chief of research.....	1 6,650	1 6,650	1 5,800
Chief, erosion control practices division.....	1 6,440	1 6,440	1 5,600
Chief, water conservation and disposal practices division.....	1 7,070	1 7,018	1 6,200
Climatology research specialist.....	1 7,070	1 6,965	1 6,200
Hillculture research specialist.....	1 6,860	1 6,807	1 6,000
Hydrology research specialist.....	1 7,070	1 6,965	1 6,200
Infiltration research specialist.....	1 6,650	1 6,650	1 5,800
Soil conservationist.....	2 12,880	1.8 11,600	0.3 1,400
Grade 5. Range \$5,180 to \$6,020:			
Assistant to the chief of research.....	1 6,020	1 5,915	1 5,200
Head, farm drainage section.....	1 6,020	1 6,020	1 5,400
Head, hillculture section.....	1 6,020	1 6,020	1 5,400
Head, hydrology section.....	1 5,600	1 5,600	
Head, sedimentation section.....	1 5,600	1 5,600	1 4,800
Head, soil and water conservation economic investigations section.....	1 5,390	1 5,390	1 4,600
Hydraulic engineer.....			1 4,800
Soil conservationist.....			0.7 3,600
Grade 4. Range \$4,300 to \$5,180:			
Geologist.....	1 4,300	1 4,300	0.4 1,591
Hydraulic engineer.....	1 4,520	1 4,520	1 3,900
Soil conservationist.....	1 4,960	1 4,905	1 4,200
Grade 3. Range \$3,640 to \$4,300:			
Geologist.....			0.6 1,925
Grade 2. Range \$2,980 to \$3,640.....	1 3,310	1 3,274	0.6 1,765
Clerical, administrative, and fiscal service:			
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer.....	1 4,740	1 4,740	1.1 4,162
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	1 4,300	1 4,300	0.1 548
Grade 7. Range \$2,980 to \$3,640.....	4 12,470	4 12,470	3 7,799
Grade 6. Range \$2,650 to \$3,310.....	1 2,650	1 2,650	0.1 287
Grade 5. Range \$2,320 to \$2,980.....	5 12,480	5 12,205	3.5 7,160
Grade 4. Range \$2,000 to \$2,496.....	16.2 35,116	16.2 34,800	11.7 21,315
Grade 3. Range \$1,902 to \$2,298.....	4 7,938	4 7,922	9.3 15,258
Crafts, protective, and custodial service:			
Grade 2. Range \$1,440 to \$1,770.....	1 1,440	1 1,440	
Total permanent, departmental.....	54.2 208,334	54 205,936	48.4 160,060
Overtime pay, departmental.....		3,200	24,504
All personal services, departmental.....	54.2 208,334	54 209,136	48.4 184,564
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Chief, farm irrigation division.....	1 7,175	1.3 9,800	1 7,000
Irrigation engineer (consultant).....		0.6 4,305	
Grade 6. Range \$6,230 to \$7,070:			
Agronomist.....	1 6,860	1 6,803	1 6,000
Soil conservationist.....	2 13,720	2 13,615	2 12,200
Grade 5. Range \$5,180 to \$6,020:			
Drainage engineer.....	1 6,020	1 6,020	1.4 6,989
Irrigation engineer.....	5.5 29,782	5.5 29,782	5.9 26,232
Irrigation economist.....	1.3 6,760	1.3 6,760	1 4,795



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, FIELD—continued			
Professional service—Continued			
Grade 5. Range \$5,180 to \$6,020—Con.			
Soil conservationist.....	16 \$86,240	16 \$86,065	12.8 \$61,388
Soil scientist.....	1 5,390	1 5,390	1 4,600
Grade 4. Range \$4,300 to \$5,180:			
Agricultural economist.....	3 13,780	3 13,780	2 7,800
Agricultural engineer.....	4 15,960	4 15,924	4.1 15,858
Bacteriologist.....	1 4,300	1 4,300	1.5 5,309
Civil engineer.....	1 4,300	1 4,300	0.8 3,000
Drainage engineer.....	3 13,340	3 13,077	2 7,331
Hydraulic engineer.....	4 18,080	3.9 17,502	2 7,800
Irrigation economist.....			0.1 244
Irrigation engineer.....	2 8,820	2 8,820	1.5 5,616
Soil conservationist.....	9 41,780	9 41,673	9.6 38,256
Soil scientist.....	2 9,700	2 9,645	2.3 9,438
Soil technologist.....	1 4,520	1 4,520	
Grade 3. Range \$3,640 to \$4,300:			
Agricultural engineer.....	5 19,960	5 19,879	4.9 16,651
Agronomist.....	5 19,630	5 19,621	4.7 16,008
Bacteriologist.....			0.5 1,513
Civil engineer.....	1 3,750	1 3,750	1.2 3,870
Drainage engineer.....	1 3,860	1 3,860	1 3,300
Hydraulic engineer.....	4 13,290	3.1 9,945	5.7 19,446
Irrigation engineer.....	1 3,860	1 3,860	1.6 5,408
Range conservationist.....	1 3,750	1 3,750	0.9 3,067
Soil conservationist.....	15.8 61,024	15.8 61,024	14.1 47,918
Soil scientist.....	8 30,110	8 30,068	5.3 17,392
Grade 2. Range \$2,980 to \$3,640.....	28.2 90,096	27.4 85,328	26.1 71,747
Grade 1. Range \$2,320 to \$2,980.....	8 20,430	7.1 18,287	5.8 11,583
Clerical, administrative, and fiscal service:			
Grade 5. Range \$2,320 to \$2,980.....	3 7,840	3 7,813	3 6,475
Grade 4. Range \$2,100 to \$2,496.....	14.6 32,656	14.7 32,026	11 20,239
Grade 3. Range \$1,902 to \$2,298.....	17.2 34,977	16.4 32,885	17 29,166
Grade 2. Range \$1,704 to \$2,100.....	13.7 24,263	13.8 23,922	11.6 16,194
Subprofessional service:			
Grade 6. Range \$2,320 to \$2,980.....	7 16,680	7 16,635	5.8 12,160
Grade 5. Range \$2,100 to \$2,496.....	9 19,032	9 19,017	6.4 11,213
Grade 4. Range \$1,902 to \$2,298.....	3 6,036	3 6,020	4.5 7,633
Grade 3. Range \$1,704 to \$2,100.....	6 11,016	6 10,989	6.8 9,942
Crafts, protective, and custodial service:			
Grade 8. Range \$2,540 to \$3,200.....	1 2,760	1 2,760	1 2,300
Grade 7. Range \$2,364 to \$2,870.....	2 4,926	2 4,872	1 2,100
Grade 6. Range \$2,166 to \$2,562.....	15 32,284	15 32,232	9.6 18,311
Grade 5. Range \$1,968 to \$2,364.....	3 5,868	3 5,827	2.9 4,690
Grade 4. Range \$1,770 to \$2,166.....	18.6 34,318	18.6 33,610	14.2 21,459
Grade 3. Range \$1,572 to \$1,902.....	13.7 22,784	13.3 21,684	10.4 14,086
Grade 2. Range \$1,440 to \$1,770.....			0.2 245
Unclassified.....	23.6 31,490	23.6 31,490	49.2 73,247
Total permanent, field.....	287.2 853,217	284.4 843,240	278.4 697,219
Temporary employment, field.....	1.1 1,300	1.1 1,300	3.2 5,109
Part-time employment, field.....	27.1 4,450	27.1 4,450	27.1 1,672
W. A. E. employment, field.....	40.2 69,726	43.8 75,601	56.6 74,362
W. O. C. employment, field.....	1 0	1 0	0.6 0
Overtime pay, field.....		17,000	140,575
Additional pay for foreign service, field.....	400	400	348
All personal services, field.....	356.6 929,093	357.4 941,991	365.9 919,285
Total, departmental and field.....	410.8	411.4	414.3
Deduct quarters and subsistence furnished.....	1,137,427	1,151,127	1,103,849
	2,927	2,927	3,208
01 Personal services (net).....	410.8	411.4	414.3
	1,134,500	1,148,200	1,100,641
OTHER OBLIGATIONS			
02 Travel.....	41,500	41,500	43,205
03 Transportation of things.....	4,000	4,000	6,087
04 Communication services.....	7,200	7,200	6,721
05 Rents and utility services.....	15,300	15,300	16,317
07 Other contractual services.....	19,400	19,500	24,707
08 Supplies and materials.....	48,900	48,900	68,615
09 Equipment.....	14,000	13,900	30,153
Total other obligations.....	150,300	150,300	195,805
Grand total obligations.....	1,284,800	1,298,500	1,296,446
Reimbursements for services performed.....	-6,800	-6,800	-11,041
Received by transfer from "Salaries and expenses, Soil Conservation Service," erosion control, Everglades region, Fla.....		-64,700	-72,248
Net total obligations.....	1,278,000	1,227,000	1,213,157
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+367
Excess of obligations over appropriation due to Public Law 106.....		-164,000	
Estimated savings, unobligated balance.....			11,476
Total estimate or appropriation.....	1,278,000	1,063,000	1,225,000
BY PROJECTS OR FUNCTIONS			
1. Erosion control investigations.....	\$737,000	\$733,100	\$653,148
2. Drainage and water control investigations in humid areas.....	319,000	317,100	266,287
3. Irrigation and water conservation investigations in western areas.....	158,000	157,500	141,156
4. Water regulation investigations to conserve the soil and reduce fire hazards in the Everglades region of Florida.....	64,000	63,800	60,076

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
5. Services performed for other agencies.....	\$6,800	\$6,800	\$10,700
6. Overtime pay.....		20,200	165,079
Grand total obligations.....	1,284,800	1,298,500	1,296,446
Adjustments (see object schedule for detail).....	-6,800	-235,500	-71,446
Total estimate or appropriation.....	1,278,000	1,063,000	1,225,000

Soil conservation operations: For carrying out preventive measures to conserve soil and water, including such special measures as may be necessary to prevent floods and the siltation of reservoirs, and including the improvement of farm irrigation and land drainage, the establishment and operation of conservation nurseries, the making of conservation plans and surveys, and the dissemination of information, **[\$28,636,800] \$36,800,000: Provided,** That no part of this appropriation may be expended for soil and water conservation operations in demonstration projects. (*Act of May 5, 1945, Public Law 52.*)

Estimate 1947, \$36,800,000

Appropriated 1946, \$28,636,800

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL			
Professional service:			
Grade 8. Range \$8,750 to \$9,800:			
Chief of Bureau.....	1 \$9,800	1 \$9,800	1 \$9,000
Grade 7. Range \$7,175 to \$8,225:			
Assistant chief of Bureau.....	1 7,700	1 7,503	1 6,687
Chief of operations.....	1 7,700	1 7,503	1 6,687
Special consultant to chief of Bureau.....	1, 8,225	1 8,225	1 7,500
Grade 6. Range \$6,230 to \$7,070:			
Assistant chief of operations.....	2 13,720	2 13,720	1.8 11,002
Assistant to chief of Bureau.....	3 20,370	2.2 15,386	2 12,893
Chief, agronomy division.....	1 6,230	1 6,230	1 6,581
Chief, biology division.....	1 6,440	1 6,440	1 5,650
Chief, engineering division.....	1 7,070	1 7,017	1 6,200
Chief, forestry division.....	1 7,070	1 7,017	1 6,200
Chief, information and education division.....	1 6,650	1 6,492	1 5,750
Chief, land management division.....			0.3 1,659
Chief, nursery division.....	1 6,650	1 6,650	1 5,850
Chief, project plans division.....	1 6,860	1 6,702	1 5,950
Chief, range division.....	1 6,650	1 6,650	1 5,900
Chief, soil conservation surveys division.....	1 7,070	1 7,070	1 6,400
Chief, State relations division.....	1 6,860	1 6,807	1 6,000
Chief, water conservation division.....	1 6,650	1 6,650	0.9 5,349
Foreign liaison representative.....	1 6,440	1 6,440	1 5,600
Grade 5. Range \$5,180 to \$6,020:			
Assistant chief, agronomy division.....	1 5,180	0.5 2,590	0.9 4,583
Assistant chief, biology division.....	1 5,180	0.5 2,590	1 4,700
Assistant chief, forestry division.....	1 5,810	1 5,653	0.1 625
Assistant chief, nursery division.....	1 6,020	1 6,020	1 5,200
Assistant chief, range division.....	1 6,020	1 5,967	1 5,200
Assistant chief, soil conservation surveys division.....	1 6,020	1 6,020	1 5,300
Assistant chief, water conservation division.....	1 5,810	1 5,652	0.7 3,361
Assistant to chief of soil conservation surveys division.....	1 5,810	0.9 5,058	0.3 1,350
Chief, records and reports division.....	1 5,390	1 5,320	1 4,600
Civil engineer, engineering division.....			0.1 347
Drainage engineer, engineering division.....	1 6,020	1 5,967	1 5,200
Head, survey analysis section, soil conservation surveys division.....	1 5,810	1 5,757	1 5,000
Information specialist, information and education division.....	1 5,600	1 5,600	0.7 3,543
Irrigation engineer, engineering division.....	1 5,600	1 5,600	1 4,800
Safety engineer, personnel management division.....	1 5,390	1 5,390	1 4,650
Section head, information and education division.....	3 15,960	3 15,820	2.6 12,058
Soil conservationist, project plans division.....	3 16,800	3 16,642	2.8 13,655
Soil conservationist, State relations division.....	3 16,590	3 16,537	3 14,250
Soil conservationist, water conservation division.....	2 10,360	1.7 8,806	
Grade 4. Range \$4,300 to \$5,180:			
Agronomist, agronomy division.....		0.7 3,010	
Assistant chief, records and reports division.....	1 5,180	1 5,180	0.8 3,902
Biologist, biology division.....		0.7 3,010	
Information specialist, information and education division.....	3 13,120	2.5 10,970	1.3 4,665
Section head, information and education division.....			0.1 454
Soil scientist, soil conservation surveys division.....	1 4,300	0.8 3,440	
Unit head, information and education division.....	2 10,360	1.5 7,719	1.7 7,767



## SOIL CONSERVATION SERVICE—Continued

## Salaries and Expenses, Soil Conservation Service—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>			
Professional service—Continued			
Grade 3. Range \$3,640 to \$4,300:			
Head, equipment and patents unit, administrative services division	1 \$3,750	1 \$3,750	1 \$3,200
Information specialist, information and education division	3 11,470	3 11,316	3 9,721
Soil scientist, soil conservation surveys division		0.2 728	0.9 2,793
Grade 2. Range \$2,980 to \$3,640:	2 6,180	2 6,162	1.8 4,779
Clerical, administrative, and fiscal service:			
Grade 13. Range \$6,230 to \$7,070:			
Chief, administrative services division	1 6,440	1 6,422	1 5,600
Chief, budget and finance division	1 6,650	1 6,650	1 5,608
Chief, personnel management division	1 6,440	1 6,440	1 5,700
Grade 12. Range \$5,180 to \$6,020:			
Assistant division chief	3 16,380	3 16,222	2.3 10,977
Executive assistant to chief of Bureau	1 5,390	1 5,810	1 5,100
Training officer	1 6,020	1 5,967	1 5,200
Grade 11. Range \$4,300 to \$5,180:			
Fiscal inspector	2 8,820	1.3 5,810	1.7 6,591
Section head	6.5 29,820	5.8 26,375	5.6 21,648
Grade 10. Range \$3,970 to \$4,630:			
Assistant section head	1 4,080	1 4,080	3 10,350
Classification investigator			0.1 313
Section head	1 4,080	1 4,080	
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant	2 7,610	2 7,428	0.1 271
Assistant section head	3 11,470	3 11,343	2.4 7,598
Classification investigator	1 3,640	1 3,640	
Motion picture specialist	1 3,750	1 3,750	1 3,200
Grade 8. Range \$3,310 to \$3,970:	2.5 8,880	2.5 8,598	2.9 8,537
Grade 7. Range \$2,980 to \$3,640:	9 28,910	8.7 27,769	10.3 28,466
Grade 6. Range \$2,650 to \$3,310:	5 14,020	5.3 14,502	4.5 10,592
Grade 5. Range \$2,320 to \$2,980:	19 47,710	19 47,404	20.1 42,305
Grade 4. Range \$2,100 to \$2,496:	53 116,115	50.7 110,905	46 84,888
Grade 3. Range \$1,902 to \$2,298:	40.5 79,671	40.5 79,216	39.2 64,635
Grade 2. Range \$1,704 to \$2,100:	11 19,272	10.8 18,788	7.1 10,500
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902:	2 3,276	2 3,221	1.2 1,650
Grade 2. Range \$1,440 to \$1,770:	3 4,782	3 4,766	4.9 6,153
Total permanent, departmental	229.5 785,111	223.8 757,762	208.2 608,473
Part-time employment, departmental			0.1 133
W. A. E. employment, departmental	2.5 5,000	2.4 4,412	1.5 1,935
Overtime pay, departmental		13,340	101,228
All personal services, departmental	232 790,111	226.2 775,514	209.8 711,819
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Regional conservator	7 54,950	7 54,683	7 48,440
Special consultant to chief of Bureau			0.5 3,350
Grade 6. Range \$6,230 to \$7,070:			
Assistant regional conservator	7 47,180	7 46,809	7 41,500
Chief, cartographic division (Beltsville, Md.)	1 6,860	1 6,807	1 5,750
Director, Caribbean area	1 6,650	1 6,645	1 5,800
Regional chief of operations	7 46,550	7 46,337	6.8 39,813
State conservationist	2 13,510	2 13,510	2 12,100
Grade 5. Range \$5,180 to \$6,020:			
Assistant State conservationist	1 5,180	1 4,951	0.8 3,536
Chief, regional agronomy division	7 40,250	7 39,900	7.3 36,481
Chief, regional biology division	7 37,730	7 37,730	6.6 31,458
Chief, regional cartographic division	5 27,790	5 27,678	4 18,682
Chief, regional engineering division	7 39,620	7 39,411	7 34,068
Chief, regional forestry division	7 40,850	7 40,615	6.2 31,474
Chief, regional information and education division	7 37,520	7 37,277	5.3 25,188
Chief, regional land management division	0.1 602	0.1 596	0.2 1,003
Chief, regional nursery division	6 34,650	6 34,433	6 30,050
Chief, regional project plans division	7 40,040	7 39,471	6.9 34,635
Chief, regional range division	4 22,820	4 22,764	4.1 21,388
Chief, regional soil conservation surveys division	6 35,070	6 34,858	7 35,650
Chief, regional water conservation division	7 38,360	7 37,841	6.8 32,000
Drainage engineer	2.4 11,635	2.4 11,635	0.1 508
Irrigation economist	0.7 3,951	0.7 3,951	1 4,700
Irrigation engineer	4.5 24,702	4.5 24,702	1.6 8,292
Section head, cartographic division (Beltsville, Md.)	3 16,590	0.2 830	1.1 5,066
Soil conservationist	1 5,390	1 5,235	0.8 3,454
Snow survey supervisor			0.8 4,150
State conservationist	40.8 235,200	41.2 236,178	41 205,935
Territorial conservationist			0.6 3,125
Grade 4. Range \$4,300 to \$5,180:			
Agricultural engineer	4 19,180	4 19,180	2.1 8,592
Agronomist	4 19,620	4 19,451	3.9 16,397
Assistant chief, regional information and education division	1 4,300	1 4,300	0.9 3,453

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Professional service—Continued			
Grade 4. Range \$4,300 to \$5,180—Con.			
Assistant chief, regional land management division	0.3 \$1,640	0.3 \$1,640	0.2 \$721
Assistant chief, regional nursery division	1 4,520	1 4,520	1 3,800
Assistant chief, regional project plans division	4 19,840	4 19,840	4.2 17,767
Assistant chief, regional soil conservation surveys division	6 29,320	6 29,151	5.9 25,060
Assistant State conservationist	66.8 318,216	66.2 315,477	55.9 232,456
Cartographic engineer	6.8 30,620	6.8 30,620	4.5 17,298
Chief, regional cartographic division	2 9,040	2 9,040	2 7,650
Chief, regional records and reports division	6 28,440	6 28,238	6 25,083
Civil engineer	2.4 11,050	2.4 11,050	2.4 9,317
District conservationist	1.7 7,351	1.7 7,351	1.1 4,895
Drainage engineer	6.6 30,150	6.6 29,926	2.9 12,046
Extension conservationist			0.2 633
Horticulturist	1 5,180	1 5,180	1.2 5,592
Information specialist	7.8 33,985	7.8 33,985	5.6 21,880
Irrigation engineer	4.9 21,358	4.9 21,358	
Nursery manager	1 4,520	1 4,520	1 3,800
Regional safety engineer	2 10,140	2 10,012	2 8,000
Regional training officer	7 33,180	7 32,868	6.5 26,777
Snow survey supervisor			1.9 8,412
Soil conservation survey supervisor	7.2 32,410	7.2 32,410	2 7,600
Soil conservationist, regional project plans division	16 77,270	15.8 75,982	14.2 59,603
Soil conservationist, regional water conservation division	1 4,300	1 4,300	
Soil scientist	7.8 36,476	7.8 36,476	5.3 21,964
State conservationist	4 18,520	3.4 15,837	3 11,737
Zone conservationist	93 430,040	92.5 426,194	83.8 340,673
Grade 3. Range \$3,640 to \$4,300:			
Agricultural engineer	29.4 111,686	29.4 111,686	21.4 72,170
Agronomist	14.1 53,765	14.1 53,722	5.9 20,312
Assistant chief, records and reports division	0.7 2,730	0.7 2,730	
Biologist	1 3,860	1 3,860	2 6,675
Botanist	1 3,970	1 3,970	
Cartographic engineer	5.8 22,302	5.8 22,155	8.2 28,904
Civil engineer	13.6 51,520	13.6 51,502	14.2 47,269
Design engineer	2 7,500	2 7,408	0.2 791
District conservationist	516.7 2,008,254	494.2 1,928,979	470.7 1,612,165
Drainage engineer	6.5 23,545	6.5 23,545	1.8 4,400
Equipment engineer	3 11,250	3 11,204	2 6,349
Extension specialist	0.7 2,833	0.7 2,833	
Forester	13.1 51,556	13.1 51,556	6.2 21,694
Geologist	2.5 9,701	2.5 9,674	2 6,616
Horticulturist			1 3,800
Hydraulic engineer	3 11,470	3 11,434	2.4 7,699
Information specialist	4.5 16,710	4.5 16,555	3.4 11,316
Irrigation engineer	3.6 13,873	3.6 13,873	2.7 9,379
Lithographer	1 3,970	1 3,942	0.3 800
Nursery manager	25 98,700	25 98,508	24.3 85,237
Range conservationist	11.1 42,474	11.1 42,474	6.1 20,797
Soil analyst	1 3,640	1 3,640	
Soil conservation survey supervisor	45 179,200	45 178,111	51.4 175,044
Soil conservationist	8.1 29,062	8.1 29,062	4.3 14,445
Soil scientist	5 19,410	5 19,337	1.3 3,941
Grade 2. Range \$2,980 to \$3,640:	3,034.6 9,711,498	2,698.4 8,627,368	2,257.9 6,115,903
Grade 1. Range \$2,320 to \$2,980:	775 1,864,061	584.8 1,407,194	472.2 954,155
Clerical, administrative, and fiscal service:			
Grade 12. Range \$5,150 to \$6,020:			
Chief, regional administrative services division	7 37,730	7 37,730	7 32,250
Chief, regional budget and finance division	7 38,990	7 38,605	6.9 32,973
Chief, regional personnel management division	7 38,150	7 37,871	7 32,435
Grade 11. Range \$4,300 to \$5,180:			
Assistant regional division chief	17 77,940	16.7 76,308	15.7 61,374
Regional section head	2 8,600	2 8,600	2 8,200
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant, cartographic division (Beltsville, Md.)	1 3,860	1 3,805	0.7 2,361
Regional administrative services examiner	2 7,610	1.8 7,004	1 3,275
Regional fiscal inspector	1 3,860	1 3,860	1 3,300
Regional section head	32 123,520	31.5 121,338	31.4 104,815
Regional unit head	1 3,750	1 3,750	1 3,200
State administrative assistant	35 134,660	34.5 132,500	34 112,517
Grade 7. Range \$2,980 to \$3,640:	69.9 221,997	69.9 221,997	68.2 154,179
Grade 6. Range \$2,650 to \$3,310:	13 35,990	13 35,582	11.3 26,731
Grade 5. Range \$2,320 to \$2,980:	79.2 195,343	73.9 182,986	72.3 150,781
Grade 4. Range \$2,100 to \$2,496:	176.1 356,408	164.7 362,439	140.5 262,338
Grade 3. Range \$1,902 to \$2,298:	402.6 819,825	399.7 805,882	388.1 655,193
Grade 2. Range \$1,704 to \$2,100:	672 1,225,474	619.3 1,122,015	457.7 740,891
Grade 1. Range \$1,506 to \$1,902:	7.3 11,477	7.3 11,411	8.5 11,004
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640:	8 25,380	8 25,267	6.6 17,316



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Subprofessional service—Continued			
Grade 7. Range \$2,650 to \$3,310.....	10.5 \$29,502	10.5 \$29,405	4.6 \$10,892
Grade 6. Range \$2,320 to \$2,980.....	575.2	473.3	313.3
	1,369,729	1,133,351	638,979
Grade 5. Range \$2,100 to \$2,496.....	1,710.5	1,359.6	834.1
	3,690,582	2,919,913	1,519,052
Grade 4. Range \$1,902 to \$2,298.....	36 71,310	36 70,934	31 50,753
Grade 3. Range \$1,704 to \$2,100.....	401.5	299.6	168.8
	701,561	527,945	245,297
Grade 2. Range \$1,572 to \$1,968.....	25.9 46,011	25.9 46,011	9.3 12,342
Crafts, protective, and custodial service:			
Grade 10. Range \$2,980 to \$3,640.....	3 10,040	3 9,966	2.6 7,100
Grade 8. Range \$2,540 to \$3,200.....	11.7 32,083	11.7 31,994	8.2 19,192
Grade 7. Range \$2,364 to \$2,870.....	19.3 47,706	19.3 47,706	20.3 42,493
Grade 6. Range \$2,166 to \$2,562.....	78.1	78.1	68.6
	176,391	176,250	131,544
Grade 5. Range \$1,968 to \$2,364.....	3 6,102	3 6,048	1.6 2,730
Grade 4. Range \$1,770 to \$2,166.....	27.8 51,599	27.8 51,437	16.7 27,970
Grade 3. Range \$1,572 to \$1,902.....	32.6 55,204	32.6 55,136	35.4 47,711
Grade 2. Range \$1,440 to \$1,770.....	10.7 16,228	10.7 16,139	10.9 14,183
Unclassified.....	94.6	94.6	45.8
	213,967	213,967	168,149
Total permanent, field.....	9,521.3	8,339.6	6,583.7
Temporary employment, field.....	26,391,515	23,395,118	16,240,305
	106.2	106.2	179.1
Part-time employment, field.....	198,009	198,009	293,603
W. A. E. employment, field.....	14.5 16,439	14.5 16,439	12.2 10,378
	1,505.7	1,210.4	941
W. O. C. employment, field.....	2,814,552	2,238,186	1,279,133
Casual employment, field.....	5 0	5 0	4 0
Overtime pay, field.....	0.9 1,750	0.9 1,750	1.6 2,857
Additional pay for foreign service, field.....	522,760	3,606,249	26,800
	31,370		
All personal services, field.....	11,153.6	9,676.6	7,721.6
	29,453,635	26,403,632	21,459,325
Total, departmental and field.....	11,385.6	9,902.8	7,931.4
Deduct quarters and subsistence furnished.....	30,243,746	27,179,146	22,171,144
	4,946	4,946	4,938
01 Personal services (net).....	11,385.6	9,902.8	7,931.4
	30,238,800	27,174,200	22,166,206
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	1,422,300	1,341,400	1,175,157
03 Transportation of things.....	197,800	181,500	167,393
04 Communication services.....	233,900	221,500	184,237
05 Rents and utility services.....	826,400	778,900	642,885
07 Other contractual services.....	1,165,900	1,064,900	1,000,059
08 Supplies and materials.....	1,428,800	1,291,500	1,287,245
09 Equipment.....	1,129,600	998,800	1,335,583
10 Lands and structures.....	2,600	2,600	17,449
Total other obligations.....	6,407,300	5,881,100	5,810,008
Grand total obligations.....	36,646,100	33,055,300	27,976,214
Reimbursements for services performed.....	-38,500	-38,500	-62,668
Allotted to Bureau of Plant Industry, Soils, and Agricultural Engineering.....	+192,400	+195,000	+186,568
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture".....			+11,080
Net total obligations.....	36,800,000	33,211,800	28,111,194
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+11,680
Excess of obligations over appropriation due to Public Law 106.....		-4,575,000	
Estimated savings, unobligated balance.....			217,126
Total estimate or appropriation.....	36,800,000	28,636,800	28,340,000
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Soil and water conservation operations in conservation districts and in cooperation with other Federal and State agencies.....	\$35,437,600	\$31,310,700	\$23,125,821
2. Operation of conservation nurseries for the furnishing of plants for use in soil and water conservation operations.....	1,170,000	1,170,000	1,083,816
3. Services performed for other agencies.....	38,500	38,500	59,100
4. Overtime pay.....		536,100	3,707,477
Grand total obligations.....	36,646,100	33,055,300	27,976,214
Adjustments (see objects schedule for detail).....	+153,900	-4,418,500	+363,786
Total estimate or appropriation.....	36,800,000	28,636,800	28,340,000

[Erosion control, Everglades region, Florida: For research and demonstration work in soil conservation control measures, includ-

ing research and demonstration work in fire control and irrigation construction work to eliminate fire hazards, in the Everglades region of Florida, \$54,500: *Provided*, That no expenditures shall be made for these purposes until a sum at least equal to such expenditures shall have been made available by the State of Florida, or a political subdivision thereof, for the same purposes.] (*Act of May 5, 1945, Public Law 52.*)

Appropriated 1946, \$54,500

NOTE.—The appropriation under the above subhead has been transferred to and estimated for under "Salaries and expenses, Soil Conservation Service," soil conservation research. For comparative purposes the amounts available for 1945 and 1946 are shown in the schedule as transfers.

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Salaries and expenses, Soil Conservation Service," soil conservation research.....		\$64,700	\$72,248
Excess of obligations over appropriation due to Public Law 106.....		-10,200	
Total estimate or appropriation.....		54,500	72,248

### Farm and Other Private Forestry Cooperation, Department of Agriculture (Soil Conservation Service)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Cooperation with States in carrying out farm forestry operations, including intensive projects and technical services to farmers and to legally competent and adequate organizations of farmers—under Norris-Dooley Act</i>			
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Professional service:	Man- Total	Man- Total	Man- Total
Grade 5. Range \$5,180 to \$6,020:	years salary	years salary	years salary
Forester.....			0.7 \$3,619
Overtime pay, departmental.....			463
All personal services, departmental.....			0.7 4,082
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Chief, regional forestry division.....			0.8 3,975
Grade 3. Range \$3,640 to \$4,300:			
Forester.....			1 3,475
Soil conservationist.....			0.1 200
Grade 2. Range \$2,980 to \$3,640.....			27.2 70,212
Grade 1. Range \$2,320 to \$2,980.....			0.7 1,361
Clerical, administrative, and fiscal service:			
Grade 4. Range \$2,100 to \$2,496.....			1 1,860
Grade 3. Range \$1,902 to \$2,298.....			0.7 1,170
Unclassified.....			8.4 12,677
Total permanent, field.....			39.9 94,930
Temporary employment, field.....			0.3 557
W. A. E. employment, field.....			1.2 1,817
Overtime pay, field.....			18,771
All personal services, field.....			41.4 116,075
01 Personal services (net).....			42.1 120,157
<b>OTHER OBLIGATIONS</b>			
02 Travel.....			5,324
03 Transportation of things.....			255
04 Communication services.....			691
05 Rents and utility services.....			1,511
07 Other contractual services.....			2,442
08 Supplies and materials.....			2,808
09 Equipment.....			416
Total other obligations.....			13,447
Grand total obligations.....			133,604
Allotted from "Farm and other private forestry cooperation, Department of Agriculture".....			-146,788
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+39
Estimated savings, unobligated balance.....			13,145
Total estimate or appropriation.....			



## SOIL CONSERVATION SERVICE—Continued

## Flood Control, General (Transfer to Agriculture) (Soil Conservation Service)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Economist.....	1	\$5,180	0.5	\$2,590		
Geologist.....	1	5,180	0.5	2,590		
Hydrologist.....	1	5,600	0.5	2,800		
Sedimentation specialist.....	1	5,600	0.5	2,800		
Soil conservationist.....	2	10,780	0.5	2,800		
Grade 4. Range \$4,300 to \$5,180:						
Economist.....	1	4,300	0.5	2,150		
Geologist.....	1	4,300	0.5	2,150		
Hydrologist.....	1	4,520	0.5	2,260		
Sedimentation specialist.....	1	4,520	0.5	2,260		
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980.....	1	2,375	0.5	1,160		
Grade 4. Range \$2,100 to \$2,496.....	2	4,266	1	2,100		
Grade 3. Range \$1,902 to \$2,298.....	5	9,611	1.5	2,853		
Total permanent, departmental.....	18	66,232	7.5	28,513		
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Cartographic engineer.....	1	4,300				
Civil engineer.....	3	12,900	1.2	5,216		
Economist.....	5	21,500	1.5	6,450		
Geologist.....	4	17,200	1.5	6,450		
Hydrologist.....	8	34,400	3.5	15,136		
Project conservationist.....	4	17,200	1.7	6,897		
Sedimentation specialist.....	5	21,500	1.5	6,450		
Soil conservationist.....	17	73,540	5.4	23,482		
Soil scientist.....	1	4,300				
Grade 3. Range \$3,640 to \$4,300:						
Agronomist.....	1	3,640	0.3	1,374		
Civil engineer.....	4	14,560	1.9	6,860		
Curative specialist.....	1	3,640	0.5	1,930		
Design engineer.....	1	3,640				
District conservationist.....	5.5	20,955	4.1	15,644		
Economist.....	4	14,560				
Engineer.....	1	3,970	0.5	1,987		
Geologist.....	1	3,640				
Hydraulic engineer.....	1	3,640	0.3	980		
Hydrologist.....	3	10,920	1	3,640		
Range examiner.....	1	3,640	0.3	1,374		
Sedimentation specialist.....	4	14,560				
Soil conservationist.....	6	21,840	3.9	14,568		
Soil scientist.....	2	7,280	0.6	2,123		
Grade 2. Range \$2,980 to \$3,640.....	97	296,430	33.3	103,956		
Grade 1. Range \$2,320 to \$2,980.....	32	76,330	9.2	22,464		
Clerical, administrative, and fiscal service:						
Grade 7. Range \$2,950 to \$3,640.....	2	5,960	0.6	1,719		
Grade 5. Range \$2,320 to \$2,980.....	1	2,320				
Grade 4. Range \$2,100 to \$2,496.....	1	2,100	0.3	727		
Grade 3. Range \$1,902 to \$2,298.....	28	53,850	12.2	23,606		
Grade 2. Range \$1,704 to \$2,100.....	13	22,944	5.3	10,008		
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310.....	6	15,900	0.6	1,529		
Grade 6. Range \$2,320 to \$2,980.....	13	31,150	4.5	11,076		
Grade 5. Range \$2,100 to \$2,496.....	40	84,000	14.4	30,767		
Grade 4. Range \$1,902 to \$2,298.....	14	26,628	1.2	2,267		
Grade 3. Range \$1,704 to \$2,100.....	12	20,976	3.8	6,829		
Crafts, protective, and custodial service:						
Grade 8. Range \$2,540 to \$3,200.....	2	5,080				
Grade 6. Range \$2,166 to \$2,562.....	2	4,332				
Grade 4. Range \$1,770 to \$2,166.....	2	3,540				
Grade 3. Range \$1,572 to \$1,902.....	2	3,144				
Grade 2. Range \$1,440 to \$1,770.....	2	2,880				
Total permanent, field.....	352.5	995,109	115.1	335,509		
W. A. E. employment, field.....	22.1	44,094	5.3	10,664		
All personal services, field.....	374.6	1,039,203	120.4	346,173		
01 Personal services (net).....	392.6	1,105,435	127.9	374,686		
OTHER OBLIGATIONS						
02 Travel.....		43,000		33,677		
03 Transportation of things.....		31,900		7,425		
04 Communication services.....		4,300		3,140		
05 Rents and utility services.....		17,800		6,355		
06 Printing and binding.....		3,500		250		
07 Other contractual services.....		33,300		9,638		
08 Supplies and materials.....		150,800		18,875		
09 Equipment.....		244,400		95,324		
10 Lands and structures.....		92,800				
Total other obligations.....		621,800		174,684		
Grand total obligations.....		1,727,235		549,370		
Allotted from "Flood control, general (transfer to Agriculture)".....		-1,727,235		-549,370		
Total estimate or appropriation.....						

## By projects or functions

## Obligations

	Estimate, 1947	Estimate, 1946	Actual, 1945
1. Preliminary examinations and surveys.....	\$48,800	\$117,000	
2. Prosecution of work of water flow retardation and soil-erosion prevention.....	1,278,435	432,370	
Grand total obligations.....	1,727,235	549,370	
Adjustments (see objects schedule for detail).....	1,727,235	-549,370	
Total estimate or appropriation.....			

## Special and Technical Investigations, International Joint Commission, United States and Canada (Transfer to Agriculture) (Soil Conservation Service)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Appraisal of results of increasing the height of groundwater table of lands adjacent to Kootenai Lake</i>						
PERSONAL SERVICES, FIELD	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Research project supervisor.....					0.1	\$350
W. A. E. employment, field.....	0.6	\$1,350	0.6	\$1,350	0.5	750
Overtime pay, field.....				50		162
01 Personal services (net).....	0.6	1,350	0.6	1,400	0.6	1,262
OTHER OBLIGATIONS						
02 Travel.....		50		50		50
05 Rents and utility services.....		25		25		25
07 Other contractual services.....		150		150		50
08 Supplies and materials.....		175		175		
09 Equipment.....		100		100		
Total other obligations.....		500		500		125
Grand total obligations.....		1,850		1,900		1,387
Received by transfer from "Special and technical investigations, International Joint Commission, United States and Canada," State Department.....		-1,850		-1,900		-1,750
Estimated savings, unobligated balance.....						363
Total estimate or appropriation.....						

## Working Funds, Agriculture, Soil Conservation Service—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Soil conservationist.....			0.5	\$2,160	1	\$4,223
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980.....			1	2,540	0.9	1,937
Grade 4. Range \$2,100 to \$2,496.....			1	2,100	0.9	1,627
Grade 3. Range \$1,902 to \$2,298.....			0.5	900		
Total permanent, departmental.....			3	7,700	2.8	7,757
Overtime pay, departmental.....				216		1,404
All personal services, departmental.....			3	7,916	2.8	9,191
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Cartographic engineer.....			1.5	8,323	1.6	7,433
Civil engineer.....			0.3	1,452	0.3	1,200
Grade 4. Range \$4,300 to \$5,180:						
Cartographic engineer.....					0.5	2,050
Civil engineer.....			0.3	1,217	0.4	1,732
Grade 3. Range \$3,640 to \$4,300:						
Cartographic engineer.....			3.2	12,427	4	13,064
Civil engineer.....			1.3	5,009	0.8	2,647
Lithographer.....					1	3,459
Grade 2. Range \$2,980 to \$3,640.....			11.9	39,812	16.7	46,124
Grade 1. Range \$2,320 to \$2,980.....			9.6	24,500	12.4	28,656
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....					0.3	\$90
Grade 7. Range \$2,980 to \$3,640.....			5.1	16,364	5.1	14,364
Grade 6. Range \$2,650 to \$3,310.....					0.1	192
Grade 5. Range \$2,320 to \$2,980.....					2.9	5,578
Grade 4. Range \$2,100 to \$2,496.....			1	2,100		
Grade 3. Range \$1,902 to \$2,298.....			4.9	9,737	7	11,725
Grade 2. Range \$1,704 to \$2,100.....			1	1,704	1.4	1,955



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Subprofessional service:			
Grade 8. Range \$2,980 to \$3,640		0.4 \$1,202	1.6 \$3,995
Grade 7. Range \$2,650 to \$3,310		1.4 3,964	3.6 8,271
Grade 6. Range \$2,320 to \$2,980		10.8 26,620	13.3 26,974
Grade 5. Range \$2,100 to \$2,496		12 25,484	13.3 24,162
Grade 4. Range \$1,902 to \$2,298		5.3 10,354	7.4 11,998
Grade 3. Range \$1,704 to \$2,100		0.5 976	2.5 3,778
Grade 2. Range \$1,572 to \$1,968			1.3 1,802
Crafts, protective, and custodial service:			
Grade 9. Range \$2,650 to \$3,310		14 39,395	7.4 17,664
Grade 8. Range \$2,540 to \$3,200			0.2 367
Grade 6. Range \$2,166 to \$2,562		5 11,281	4.2 8,051
Grade 5. Range \$1,968 to \$2,364		3 6,168	0.4 747
Grade 4. Range \$1,770 to \$2,166			8.1 12,211
Grade 3. Range \$1,572 to \$1,902			0.6 811
Unclassified		21.2 42,596	30.3 61,656
Total permanent, field		113.7 290,685	148.7 323,886
Temporary employment, field		0.6 800	10.1 15,939
Part-time employment, field			0.2 239
W. A. E. employment, field			2.9 4,253
Overtime pay, field		9,172	80,157
All personal services, field		114.3 300,657	161.9 424,474
Total, departmental and field		117.3 308,573	164.7 433,665
Deduct quarters and subsistence furnished		242	225
01 Personal services (net)		117.3 308,331	164.7 433,440
<b>OTHER OBLIGATIONS</b>			
02 Travel		6,280	2,509
03 Transportation of things		5,323	2,946
04 Communication services		1,945	1,850
05 Rents and utility services		2,060	1,597
07 Other contractual services		11,692	28,360
08 Supplies and materials		127,366	106,660
09 Equipment		3,700	4,081
Total other obligations		158,366	148,003
Grand total obligations		466,697	581,443
Reimbursements for services performed—		—1,000	
Advanced from—			
Federal Works Agency		—8,399	—32,842
Selective Service System		—239,957	—231,793
Treasury Department		—1,500	
War Department		—160,591	—186,192
Prior year balance available in 1945			—199,359
1945 balance available in 1946		—68,463	—68,463
Estimated savings, unobligated balance		13,213	280
Total estimate or appropriation			
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Providing wartime security for field cartographic laboratories (Federal Works Agency)		\$4,997	\$30,437
2. Technical direction of program for civilian public service projects for conscientious objectors (Selective Service System)		241,792	204,852
3. For carrying out a training program for 5 Chinese students for the Procurement Division (Treasury Department)		1,500	
4. Transliteration of Chinese maps for the Army Map Service (War Department)		2,160	4,223
5. Mapping of strategic areas for the Corps of Engineers (War Department)		4,801	41,171
6. Research compilation, drafting, and reproduction of aeronautical, flight, and Loran charts, pilots handbooks, and relief models for the Army Air Forces (War Department)		169,263	217,215
7. Preparation and drafting of maps and charts of foreign areas for the Army Map Service (War Department)			1,984
8. For carrying out research investigations for the Ordnance Department (War Department)		30,796	
9. Comprehensive training of Latin-American technicians in the principles and practices of soil and water conservation and proper land use (Office of Coordinator of Inter-American Affairs)		1,000	
10. Services performed for other agencies		1,000	
11. Overtime pay		9,388	81,561
Grand total obligations		466,697	581,443
Adjustments (see objects schedule for detail)		—466,697	—581,443
Total estimate or appropriation			

Annual appropriations, general account:

Estimate 1947, \$38,078,000

Appropriated 1946, \$29,754,300

## LAND UTILIZATION AND RETIREMENT OF SUBMARGINAL LAND

## Land Utilization and Retirement of Submarginal Land, Department of Agriculture—

To enable the Secretary to carry out the provisions of title III of the Bankhead-Jones Farm Tenant Act, approved July 22, 1937 (7 U. S. C. 1010-1013), and the provisions of the Act approved August 11, 1945 (Public Law 179, Seventy-ninth Congress), including the employment of persons and means in the District of Columbia and elsewhere, **[\$1,087,300] \$1,453,000.** (Act of May 5, 1945, Public Law 52.)

Annual appropriation, general account:

Estimate 1947, \$1,453,000

Appropriated 1946, \$1,087,300

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Chief, land management division	1 \$6,650	1 \$6,650	0.7 \$4,241
Grade 5. Range \$5,180 to \$6,020:			
Soil conservationist	1 5,180	1 5,180	1.3 6,495
Clerical, administrative, and fiscal service:			
Grade 13. Range \$6,230 to \$7,070:			
Chief, land acquisition and sales division	1 7,070	1 7,070	1 6,400
Grade 11. Range \$4,300 to \$5,180:			
Section head	0.5 2,480	0.5 2,480	0.5 1,902
Grade 8. Range \$3,310 to \$3,970	0.5 1,875	0.5 1,853	0.3 983
Grade 7. Range \$2,980 to \$3,640	2 6,290	2 6,290	1.3 6,176
Grade 5. Range \$2,320 to \$2,980	1 2,540	1 2,463	1.5 3,040
Grade 4. Range \$2,100 to \$2,496	6 13,392	6 13,140	5.4 9,987
Grade 3. Range \$1,902 to \$2,298	4.6 9,009	4.6 8,982	4.1 5,196
Total permanent, departmental	17.6 54,486	17.6 54,108	16.1 44,420
Overtime pay, departmental		925	7,676
All personal services, departmental	17.6 54,486	17.6 55,033	16.1 52,096
<b>PERSONAL SERVICES, FIELD</b>			
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Chief, regional land management division	5.9 33,473	5.9 33,473	5.8 28,910
Civil engineer	1 5,810	1 5,683	0.5 2,500
State conservationist	0.2 700	0.2 700	0.4 1,428
Grade 4. Range \$4,300 to \$5,180:			
Assistant chief, regional land management division	2.7 12,214	2.7 12,214	2.7 10,687
Assistant State conservationist	0.2 904	0.2 904	0.1 457
Chief, regional records and reports division			1 3,850
Civil engineer	0.2 1,130	0.2 1,130	1.3 4,750
Soil conservationist	1 4,520	1 4,402	1 4,600
Zone conservationist	1 5,180	1 5,125	
Grade 3. Range \$3,640 to \$4,300:			
Agricultural engineer	1 3,970	1 3,910	
Civil engineer	1 3,750	1 3,649	0.1 267
District conservationist	9.6 37,568	9.6 37,568	8.4 28,811
Forester	1 3,640	1 3,534	1 3,200
Range conservationist	0.3 1,314	0.3 1,314	0.3 841
Soil conservationist	1 3,860	1 3,860	2.1 6,999
Hydraulic engineer	1 3,860	1 3,830	0.3 1,100
Grade 2. Range \$2,980 to \$3,640	37.6 123,818	37.6 122,150	36.1 100,226
Grade 1. Range \$2,320 to \$2,980	5.5 12,946	5.5 12,946	3.8 7,986
Clerical, administrative, and fiscal service:			
Grade 7. Range \$2,980 to \$3,640	1 3,640	1 3,640	1 3,200
Grade 5. Range \$2,320 to \$2,980	5 12,370	5 12,232	3.1 6,342
Grade 4. Range \$2,100 to \$2,496	7 15,228	7 15,200	6.8 12,588
Grade 3. Range \$1,902 to \$2,298	26 52,818	26 52,130	28.3 47,627
Grade 2. Range \$1,704 to \$2,100	20 36,654	20 36,155	16.4 26,109
Subprofessional service:			
Grade 7. Range \$2,650 to \$3,310	7 19,210	7 19,109	5.4 12,303
Grade 6. Range \$2,320 to \$2,980	17 41,200	17 40,737	10.9 22,256
Grade 5. Range \$2,100 to \$2,496	18.2 39,620	18.2 39,086	18.6 34,324
Grade 3. Range \$1,704 to \$2,100	5.4 9,857	5.4 9,725	2.9 7,224
Crafts, protective, and custodial service:			
Grade 8. Range \$2,540 to \$3,200		0.2 508	
Grade 6. Range \$2,166 to \$2,562	11.6 26,146	11.6 25,792	11.3 14,258
Grade 4. Range \$1,770 to \$2,166	23.2 43,867	23.2 43,265	26.3 40,635
Grade 3. Range \$1,572 to \$1,902	9.3 15,280	9.3 15,072	7.6 10,198
Unclassified	1 1,633	1 1,633	1.9 2,860
Total permanent, field	221.9 576,180	222.1 570,676	205.4 446,536
Temporary employment, field	13.5 23,925	1 1,925	3.9 6,201
W. A. E. employment, field	213.7 334,093	180 263,225	180 238,277
Casual employment, field			0.5 858
Overtime pay, field		16,625	144,326
All personal services, field	449.1 934,198	403.1 852,451	389.8 836,198
Total, departmental and field	466.7 988,684	420.7 907,484	405.9 888,294
Deduct quarters and subsistence furnished	8,284	8,284	11,987
01 Personal services (net)	466.7 980,400	420.7 899,200	405.9 876,307
<b>OTHER OBLIGATIONS</b>			
02 Travel		35,100	31,442
03 Transportation of things		6,900	7,620
04 Communication services		7,200	6,936



## SOIL CONSERVATION SERVICE—Continued

## LAND UTILIZATION AND RETIREMENT OF SUBMARGINAL LAND—Con.

## Land Utilization and Retirement of Submarginal Land, Department of Agriculture—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS—continued			
05 Rents and utility services.....	\$17,800	\$17,800	\$19,816
07 Other contractual services.....	56,900	51,300	46,734
08 Supplies and materials.....	304,200	200,600	211,289
09 Equipment.....	44,000	16,000	28,675
10 Lands and structures.....	500	500	14,533
Total other obligations.....	472,600	332,100	367,045
Grand total obligations.....	1,453,000	1,231,300	1,243,352
Reimbursements for services performed.....			-754
Net total obligations.....	1,453,000	1,231,300	1,242,598
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+521
Excess of obligations over appropriation due to Public Law 106.....		-144,000	
Estimated savings, unobligated balance.....			6,881
Total estimate or appropriation.....	1,453,000	1,087,300	1,250,000
By PROJECTS OR FUNCTIONS			
1. Development and management of land acquired.....	\$1,453,000	\$1,213,750	\$1,090,596
2. Services performed for other agencies.....			754
3. Overtime pay.....		17,550	152,002
Grand total obligations.....	1,453,000	1,231,300	1,243,352
Adjustments (see objects schedule for detail).....		-144,000	+6,648
Total estimate or appropriation.....	1,453,000	1,087,300	1,250,000

## Permanent appropriation:

## Payments to Counties From Submarginal Land Program, Farm Tenant Act—

Twenty-five percent of the net revenues received each calendar year from the use of lands held by the Secretary under title III of the Farm Tenant Act, approved July 22, 1937 (7 U. S. C. 1000-1013), is paid to the counties in which the land is located. Such payments to counties are made on the condition that they are used for school or road purposes, or both. When any project is located in more than one county, the distributive share to each from the proceeds of the land is proportional to its area therein.

Estimate 1947, \$145,000

Appropriated 1946, \$127,500  
Revised 1946, \$140,000

11 Grants, subsidies, and contributions: Obligations—1947, \$145,000; 1946, \$140,000; 1945, \$239,937.

## Excess Payments, Submarginal Land Program, Farm Tenant Act—

13 Refunds, awards, and indemnities: Obligations—1945, \$544.

## WATER CONSERVATION AND UTILIZATION PROJECTS

## Water Conservation and Utilization Projects, Department of Agriculture—

For expenses necessary to enable the Secretary, through such agencies of the Department as he may designate, to carry into effect the functions of the Department under the Act of October 14, 1940 (16 U. S. C. 590y-z-10), as amended, relating to the construction, operation, and maintenance of water conservation and utilization projects, \$1,165,066 \$700,000, to be immediately available and to remain available until expended, which sum shall be merged with the unexpended balances of funds heretofore appropriated or transferred to said Department for the purposes of said Act, including personal services in the District of Columbia; purchase of books of reference and periodicals; and leveling or otherwise preparing [such lands] any lands, irrespective of ownership, within the boundaries of approved projects for the utilization of irrigation water, irrespective of ownership. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$700,000

Appropriated 1946, \$1,165,066

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL						
Professional service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 6. Range \$6,230 to \$7,070:						
Assistant to chief of operations.....	1	\$7,070	0.7	\$5,303		
Grade 5. Range \$5,180 to \$6,020:						
Agricultural economist.....	1	5,390	0.7	3,435		
Engineer.....	1	5,600	1	5,600		
Clerical, administrative, and fiscal service:						
Grade 5. Range \$2,320 to \$2,980.....	1	2,540	0.8	1,822		
Grade 4. Range \$2,100 to \$2,496.....	2	4,200	2	4,200		
Total permanent, departmental.....	6	24,800	5.2	20,360		
Overtime pay, departmental.....				67		
All personal services, departmental.....	6	24,800	5.2	20,427		
PERSONAL SERVICES, FIELD						
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Construction engineer.....	1	6,440	1	6,440	1	\$5,750
Grade 5. Range \$5,180 to \$6,020:						
Agricultural economist.....	1	5,390	1	5,390	1	4,408
Agricultural labor specialist.....					1	4,800
Assistant to regional chief of operations.....	2	11,830	1.7	10,010		
Chief, regional land acquisition and sales division.....	1	5,180	1	5,180		
Head, area investigation section.....			0.3	1,295	1	4,600
Head, area project development section.....			0.3	1,505	1	5,200
Head, area settlement and sales section.....						
Head, area soils section.....			0.1	598	1	4,600
Project supervisor.....	1	5,180	0.2	870		
Grade 4. Range \$4,300 to \$5,180:						
Agricultural economist.....	3	13,780	3.1	14,309	4.8	18,581
Architect.....	1	4,520	1	4,520	1.9	7,412
Assistant chief, regional land acquisition and sales division.....	1	4,300	1	4,300		
Assistant chief, regional water conservation division.....	1	4,300	1	4,300		
Assistant project supervisor.....	1	4,300	0.2	598		
Civil engineer.....	3.7	16,207	3.4	14,470	3.1	11,958
Construction engineer.....	1.3	5,590	1.3	5,590		
Drainage engineer.....	1	4,300	0.7	3,134		
Hydraulic engineer.....	1	4,300	0.8	3,583		
Hydrologic engineer.....	1	4,300	0.8	3,583		
Irrigation engineer.....	2	8,600	1.8	7,442		
Project supervisor.....	5	22,600	5	22,270	3.5	13,418
Soil conservationist.....	1	4,520	0.7	3,225		
Soil scientist.....			1	4,300		
Grade 3. Range \$3,640 to \$4,300:						
Agricultural economist.....	1	3,640	0.7	2,757	2.1	6,561
Agronomist.....	0.5	1,820	0.5	1,820		
Assistant head, area acquisition and development section.....			0.3	1,128	1	3,600
Civil engineer.....			0.4	1,258	4.9	16,482
Construction engineer.....	3.1	11,992	3.1	11,837	0.7	2,337
Irrigation engineer.....	3.5	13,290	2.7	10,175		
Project supervisor.....	2.5	9,375	2.5	9,375	2.1	6,779
Soil conservationist.....	2	7,610	1.8	6,453		
Soil scientist.....	5.8	21,684	4.4	16,310		
Grade 2. Range \$2,980 to \$3,640.....	7.9	24,819	7.9	24,819	7.5	20,149
Grade 1. Range \$2,320 to \$2,980.....	3.6	8,748	3.6	8,399	3	6,016
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Area director.....			0.3	1,794	1	6,648
Grade 13. Range \$6,230 to \$7,070:						
Assistant area director.....					0.8	4,808
Grade 12. Range \$5,180 to \$6,020:						
Executive assistant.....					0.8	3,833
Grade 11. Range \$4,300 to \$5,180:						
Deputy chief, regional budget and finance division.....	1	5,180	0.7	3,424		
Executive assistant.....					0.2	633
Grade 9. Range \$3,640 to \$4,300:						
Accountant.....			0.1	433	1	3,250
Grade 7. Range \$2,980 to \$3,640.....	8.2	25,316	7.9	24,413	2.4	6,519
Grade 5. Range \$2,320 to \$2,980.....	6.1	14,713	6.1	14,396	5.9	12,192
Grade 4. Range \$2,100 to \$2,496.....	5.5	11,778	5.3	11,169	4.4	8,021
Grade 3. Range \$1,902 to \$2,298.....	17.3	33,809	17	32,250	11	18,431
Grade 2. Range \$1,704 to \$2,100.....	5.1	8,666	4.3	7,324	4.4	6,466
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640.....	1	2,980	1	2,980	0.2	404
Grade 7. Range \$2,650 to \$3,310.....	1	2,760	1	2,705	0.1	121
Grade 6. Range \$2,320 to \$2,980.....	2.1	5,028	2.1	5,028	0.2	333
Grade 5. Range \$2,100 to \$2,496.....	7.2	15,508	7.2	15,112	3.5	6,404
Grade 4. Range \$1,902 to \$2,298.....	5.2	10,112	5.2	9,912	1.8	2,999
Grade 3. Range \$1,704 to \$2,100.....	8.4	14,613	8.4	14,541	3.6	4,968
Grade 2. Range \$1,572 to \$1,968.....	5.7	9,131	5.7	8,908		
Crafts, protective, and custodial service:						
Grade 9. Range \$2,650 to \$3,310.....	1	2,760	0.4	1,110		
Grade 6. Range \$2,166 to \$2,562.....	1	2,232	1	2,232	1	1,860
Unclassified.....	1	2,650	1	2,570		
Total permanent, field.....	135.7	405,851	130	381,544	83.9	235,141
Temporary employment, field.....	3.1	6,275	3.1	6,275		
W. A. E. employment, field.....	79.4	178,074	91.4	205,177	24.4	62,564
Overtime pay, field.....				9,326		56,617
All personal services, field.....	218.2	590,200	224.5	602,322	108.3	354,322
01 Personal services (net).....	224.2	615,000	229.7	622,749	108.3	354,322



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	\$27,000	\$27,000	\$30,977
03 Transportation of things.....	13,000	13,000	4,837
04 Communication services.....	4,000	4,000	3,239
05 Rents and utility services.....	12,000	12,000	3,899
07 Other contractual services.....	40,000	40,000	16,315
08 Supplies and materials.....	170,000	170,000	59,499
09 Equipment.....	115,000	115,000	21,857
10 Lands and structures.....	139,000	139,000	374,050
Total other obligations.....	520,000	520,000	514,673
Grand total obligations.....	1,135,000	1,142,749	868,995
Reimbursements for services performed.....	-4,000	-4,000	-2,810
Transferred to "Salaries and expenses, Office of Solicitor, Department of Agriculture".....		+11,200	
Prior year balance available in 1945.....			-1,282,068
1945 balance available in 1946.....		-415,883	+415,883
1946 balance available in 1947.....	-431,000	+431,000	
Total estimate or appropriation.....	700,000	1,165,066	
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Project investigations and surveys.....	\$112,000	\$112,000	\$67,182
2. Acquisition of land.....	138,100	138,100	117,666
3. Land development.....	815,900	814,256	579,246
4. Land management, settlement, and technical guidance.....	65,000	65,000	45,474
5. Services performed for other agencies.....	4,000	4,000	2,810
6. Overtime pay.....		9,393	56,617
Grand total obligations.....	1,135,000	1,142,749	868,995
Adjustments (see objects schedule for detail).....	-435,000	+22,317	-868,995
Total estimate or appropriation.....	700,000	1,165,066	

### Construction, Water Conservation and Utility Projects (Allotment to Agriculture) (Soil Conservation Service)—

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Acquisition and construction of water conservation and utility projects</i>						
PERSONAL SERVICES, FIELD						
Professional service:	Man-	Total	Man-	Total	Man-	Total
Grade 5. Range \$5,180 to \$6,020:	years	salary	years	salary	years	salary
Project supervisor-----			0.8	\$4,310		
Grade 4. Range \$4,300 to \$5,180:						
Assistant project supervisor-----			0.6	2,986		
Civil engineer-----	1	\$4,300	1	4,300	0.8	\$3,008
Project supervisor-----	1	4,520	1	4,520		
Grade 3. Range \$3,640 to \$4,300:						
Assistant project supervisor-----	1	3,860	1.9	7,087		
Civil engineer-----			0.4	1,563	1.5	4,713

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Acquisition and construction of water conservation and utility projects—Con.</i>						
PERSONAL SERVICES, FIELD—continued	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Professional service—Continued						
Grade 2. Range \$2,980 to \$3,640.....	3	\$9,600	4.4	\$14,318	2.2	\$5,906
Grade 1. Range \$2,320 to \$2,980.....	1	2,430	2	4,850	1.7	3,483
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....			1	3,640		
Grade 7. Range \$2,980 to \$3,640.....	1	3,090	1.8	5,464		
Grade 5. Range \$2,320 to \$2,980.....	1	2,430	1.4	3,369	1.1	2,142
Grade 4. Range \$2,100 to \$2,496.....	2	4,332	2.2	4,866	1.7	2,979
Grade 3. Range \$1,902 to \$2,298.....	1	1,968	0.7	1,434	0.5	846
Grade 2. Range \$1,704 to \$2,100.....	1	1,770	1.5	2,556		
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640.....			1	2,980	0.1	144
Grade 6. Range \$2,320 to \$2,980.....	1	2,430	1	2,420	0.9	1,866
Grade 5. Range \$2,100 to \$2,496.....	1	2,166	1.2	2,450	0.9	1,606
Grade 4. Range \$1,902 to \$2,298.....					0.3	545
Grade 3. Range \$1,704 to \$2,100.....			2.6	4,544	0.1	148
Crafts, protective, and custodial service:						
Grade 9. Range \$2,650 to \$3,310.....			0.6	1,540	0.6	1,418
Grade 4. Range \$1,770 to \$2,166.....	1	1,836	1	1,775	0.1	188
Total permanent, field.....	16	44,732	28.1	80,972	12.5	28,992
Temporary employment, field.....			0.5	1,160		
W. A. E. employment, field.....	21	52,568	20.1	49,516	9	37,689
Overtime pay, field.....				4,585		14,377
01 Personal services (net).....	37	97,300	48.7	136,233	21.5	81,058
OTHER OBLIGATIONS						
02 Travel.....		2,400		2,800		549
03 Transportation of things.....		1,000		1,300		563
04 Communication services.....		400		800		79
05 Rents and utility services.....		1,700		4,200		767
07 Other contractual services.....		1,000		5,400		851
08 Supplies and materials.....		25,000		24,300		45,814
09 Equipment.....		15,000		14,300		1,197
10 Lands and structures.....		133,500				
Total other obligations.....		180,000		53,100		49,820
Grand total obligations.....		277,300		189,333		130,878
Reimbursements for services performed.....		-1,500		-1,650		
Transferred to "Construction, water conservation and utility projects (allotment to Interior, Reclamation) (reimbursable)".....						+6,000
Received by transfer from "Construction, water conservation and utility projects (reimbursable)".....						-245,000
Prior year balance available in 1945.....						-355,361
1945 balance available in 1946.....				-463,483		+463,483
1946 balance available in 1947.....		-275,800		+275,800		
Total estimate or appropriation.....						

Total, Soil Conservation Service, general account:

Estimate 1947, \$40,376,000      Appropriated 1946, \$32,134,166  
Revised 1946, \$32,146,666

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

### SOIL CONSERVATION SERVICE

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Soil Conservation Service:								
Soil conservation research.....	8	\$8,400	8	\$2,400	\$6,000	100	\$25,400	Replacement vehicles and old vehicles for use by technical personnel to make inspection trips to outlying experimental project areas, to supervise the installation of experimental work, to collect data, and to service scientific instruments.
Soil conservation operations.....	508	533,400	508	152,400	381,000	845	361,100	Replacement vehicles as follows: 1 vehicle for passenger transportation on official business in the District of Columbia, the remainder for transportation of work unit field technicians engaged in conservation district activities. Old vehicles for transportation of technicians, inspectors, and surveyors within districts, between districts, and on planning work in areas outside of districts.
Land utilization and retirement of submarginal land, Department of Agriculture (Soil Conservation Service).....	24	25,200	24	7,200	18,000	13	8,500	For use of specialists and technicians engaged in the improvement, management, and protection of land acquired throughout the United States pursuant to the provisions of title III of the Bankhead-Jones Farm Tenant Act.
Water conservation and utilization projects, Department of Agriculture (Soil Conservation Service).....	12	12,600	6	1,800	10,800	28	10,700	For use of project personnel in connection with the planning, development, operation, and management of water conservation and utilization projects.
Flood control, general (transfer to Agriculture).....	35	36,750			36,750	22	15,300	For use of project personnel in making flood control examinations and surveys and in carrying out works of improvement on authorized flood control projects.
Total.....	587	616,350	546	163,800	452,550	1,008	421,000	



**PRODUCTION AND MARKETING ADMINISTRATION****CONSERVATION AND USE OF AGRICULTURAL LAND RESOURCES****Conservation and Use of Agricultural Land Resources, Department of Agriculture—**

For all expenses necessary to enable the Secretary to carry into effect the provisions of sections 7 to 17, inclusive, of the Soil Conservation and Domestic Allotment Act, approved February 29, 1936, as amended (16 U. S. C. 590g–590q), and the provisions of the Agricultural Adjustment Act of 1938, as amended (7 U. S. C. 1281–1407) (except the provisions of sections 201, 202, 303, 381, and 383 and the provisions of titles IV and V), including personal services in the District of Columbia and elsewhere; not to exceed \$6,000 for the preparation and display of exhibits, including such displays at State, interstate, and international fairs within the United States; purchase of lawbooks, books of reference, periodicals; [\$300,000,000, together with \$13,000,000 of the unobligated balance of the appropriation "Parity payments" in the Department of Agriculture Appropriation Act, 1944, in all \$313,000,000] \$257,500,000, to remain available until December 31, [1946] 1947, for compliance with programs under said provisions of the Agricultural Adjustment Act of 1938, as amended, and the Act of February 29, 1936, as amended, pursuant to the provisions of the [1945] 1946 programs carried out during the period July 1, [1944] 1945, to December 31, [1945] 1946, inclusive, and, in addition, \$12,500,000 for making additional payments on an acreage and pound basis for harvesting seeds of grasses and legumes determined by the [War Food Administrator] Secretary to be necessary for an adequate supply of such seeds [and \$29,750,000 for making payments pursuant to section 5 of the Act of December 23, 1944 (Public Law 551)]; in all, \$270,000,000; *Provided*, That not to exceed [\$22,911,200] \$28,341,098 of the total sum provided under this head shall be available during the current fiscal year, for salaries and other administrative expenses for carrying out such programs, the cost of aerial photographs, however, not to be charged to such limitation; but not more than [\$6,382,103] \$7,886,480 shall be transferred to the Appropriation account, "Administrative expenses, [Agricultural Adjustment Agency] section 392, Agricultural Adjustment Act of 1938": *Provided further*, That none of the funds herein appropriated or made available for the functions assigned to the Agricultural Adjustment Agency pursuant to the Executive Order (No. 9069) of February 23, 1942, shall be used to pay the salaries or expenses of any regional information employees or any State or county information employees, but this shall not preclude the answering of inquiries or supplying of information to individual farmers: *Provided further*, That such amount shall be available for salaries and other administrative expenses in connection with the formulation and administration of the [1946] 1947 programs (so long as such administrative expenses do not relate to programs exceeding \$300,000,000, including administration) of soil-building practices and soil- and water-conservation practices, under the Act of February 29, 1936, as amended, and programs under the Agricultural Adjustment Act of 1938, as amended, the total expenditures of which, including administration, shall not exceed \$300,000,000; but the payments or grants under such program shall be conditioned upon the utilization of land with respect to which such payments or grants are to be made, in conformity with farming practices which will encourage and provide for soil-building and soil- and water-conserving practices in the most practical and effective manner and adapted to conditions in the several States, as determined and approved by the State agricultural conservation committee [of the Agricultural Adjustment Agency] for the respective States: [*Provided further*, That no part of such amounts shall be available after the end of the current fiscal year for salaries and other administrative expenses except for payment of obligations therefor incurred prior to the end of such year:]; *Provided further*, That the Secretary may, in his discretion, from time to time transfer to the General Accounting Office such sums as may be necessary to pay administrative expenses of the General Accounting Office in auditing payments under this item: *Provided further*, That such amount shall be available for the purchase of seeds, fertilizers, lime, trees, or any other farming materials, or any soil-terracing services, and making grants thereof to agricultural producers to aid them in carrying out farming practices approved by the Secretary in the [1945,] 1946, [and] 1947, and 1948 programs under said Act of February 29, 1936, as amended: *Provided further*, That no part of any funds available to the Department [of Agriculture, the War Food Administration], or any bureau, office, corporation, or other agency constituting a part of such Department [or Administration] shall be used in the current fiscal year for the payment of salary or travel expenses of any person who has been convicted of violating the Act entitled "An Act to prevent pernicious political activities", approved August 2, 1939, as amended, or who has been found in accordance with the provisions of section 6 of the Act of July 11, 1919 (18 U. S. C. 201),

to have violated or attempted to violate such section which prohibits the use of Federal appropriations for the payment of personal services or other expenses designed to influence in any manner a Member of Congress to favor or oppose any legislation or appropriation by Congress except upon request of any Member or through the proper official channels[: *Provided further*, That none of the funds appropriated in this Act for the War Food Administration or any of its constituent agencies shall be paid out for the salary, per diem allowance, or expenses of any person after it is determined by the War Food Administrator that such person has, personally or by letter, demanded that a farmer join the triple-A program as a condition of draft deferment or for the granting of a priority certificate for any rationed article or commodity. Hearings on charges filed with the War Food Administrator shall be held and decision made within thirty days after such charges are filed with him].

[For an additional amount for conservation and use of agricultural land resources, fiscal year 1946, for compliance with programs under the Agricultural Adjustment Act of 1938, as amended, including the measurement of burley tobacco acreages, to be consolidated with the sum of \$22,911,200 made available for salaries and other administrative expenses under this head in the Department of Agriculture Appropriation Act, 1946, \$408,000.] (Act of May 5, 1945, Public Law 52; Act of July 5, 1945, Public Law 132.)

Estimate 1947, \$270,000,000

Appropriated 1946, \$342,658,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
11 Grants, subsidies, and contributions:			
Conservation payments to farmers in cash.....	\$146,000,000	\$212,776,755	\$211,368,100
Conservation payments to farmers in conservation materials and services.....	95,000,000	91,186,089	99,459,573
Grand total obligations.....	241,000,000	303,962,847	310,827,673
Allotted to Forest Service.....	+17,320	+17,592	+32,608
Transferred to—			
"Administrative expenses, sec. 392, Agricultural Adjustment Act of 1938".....	+7,886,480	+7,335,272	+7,917,360
"Local administration, sec. 385, Agricultural Adjustment Act of 1938".....	+20,437,295	+16,919,505	+16,300,000
"Printing and binding, Department of Agriculture".....	+15,000	+15,000	+14,000
"Salaries and expenses, Division of Disbursement," Treasury Department.....	+285,896	+311,490	+295,604
"Printing and binding, Division of Disbursement," Treasury Department.....	+7,817	+7,817	+7,821
"Salaries and expenses, Office of Treasurer of United States".....	+16,215	+16,760	+22,735
"Printing and binding, Office of Treasurer of United States".....	+2,300	+2,300	+2,550
"Conservation and use of agricultural land resources (transfer to General Accounting Office)".....	+331,674	+383,945	+375,000
Reappropriation of 1945 balance in 1946 from "Parity payments, Department of Agriculture".....		-13,000,000	
Received by loans from Commodity Credit Corporation.....	-9,000,000	-9,314,525	-46,000,000
Repayment of loans from Commodity Credit Corporation.....	+9,000,000	+36,000,000	+12,701,649
Total estimate or appropriation.....	270,000,000	342,658,000	302,500,000

**Parity Payments, Department of Agriculture—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Transferred to "Administrative expenses, sec. 392, Agricultural Adjustment Act of 1938".....			+ \$274,831
Prior year balance available in 1945.....			- 14,205,695
Reappropriation of 1945 balance in 1946 to "Conservation and use of agricultural land resources, Department of Agriculture".....			+13,000,000
Estimated savings, unobligated balance.....			930,864
Total estimate or appropriation.....			

**ADMINISTRATIVE EXPENSES, SECTION 392, AGRICULTURAL ADJUSTMENT ACT OF 1938****Administrative Expenses, Section 392, Agricultural Adjustment Act of 1938—**

NOTE.—This appropriation account has been established pursuant to section 392 of the Agricultural Adjustment Act of 1938, as amended (7 U. S. C. 1281–1407), which provides that the Secretary of the Treasury is authorized and directed upon the request of the Secretary to establish one or more separate appropriation accounts into which there shall



be transferred from the respective funds available for the purposes of the several acts in connection with which the personnel or other facilities of the Agricultural Adjustment Agency are utilized, proportionate amounts estimated by the Secretary to be required by the Agricultural Adjustment Agency (now Production and Marketing Administration) for administrative expenses in carrying out or cooperating in carrying out any of the provisions of the respective acts.

The amounts transferred into this appropriation account are within the limitations established for administrative expenses under the respective appropriations from which such transfers were made.

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Department of Agriculture grades:						
Grade 29. Range of \$10,000:						
Director of branch	1	\$10,000	1	\$10,000	1	\$9,500
Grade 26. Range of \$3,750 to \$9,800:						
Assistant director of branch	1	9,013	1	9,013	1	8,063
Director of region	7	62,040	6	52,941	5.6	44,844
Grade 24. Range of \$7,700 to \$3,750:						
Assistant director of branch	1	7,963	1	7,932	1	7,000
Grade 23. Range of \$7,175 to \$3,225:						
Assistant director of branch					1	6,500
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$3,225:						
Special assistant to director						319
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer	7	45,072	7	44,765	6.6	38,129
Budget officer	1	6,440	1	6,238	0.5	3,064
Chief of section	6	38,640	7	44,418	4.5	25,916
Chief personnel officer	1	6,650	1	6,537	1	5,800
Marketing specialist	1	6,020	0.1	500	0.8	3,996
Program officer	3	19,740	4	25,970	1.6	9,067
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer	15	83,657	24	128,451	19.9	94,604
Assistant chief personnel officer	1	5,600	1	5,487	1.2	5,420
Assistant to director					0.9	3,680
Chief of section	5	27,370	5	27,055	5.5	25,663
Head of unit	2	10,780	2	10,780	2	9,325
Marketing specialist	1	5,390	1	5,299	1	4,600
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	17	76,840	17	76,686	23.3	90,056
Assistant chief of section	3	13,560	3	13,374	3.6	13,511
Chief of section	5	22,600	5	22,380	3.4	13,263
Investigator	2	8,930	2	8,883	1.3	4,998
Marketing specialist	1	4,300	1	4,300	1.8	6,724
Program specialist	3	13,450	3	13,450	2.2	8,958
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer	2	8,270	2	8,106	2.3	7,927
Assistant chief of section					1	3,550
Grade 9. Range \$3,640 to \$4,300:						
Assistant chief of section	16	61,020	18	68,483	21.3	72,115
Chief of laboratory	5	18,750	5	18,641	5.1	16,562
Chief of section	4	15,000	4	14,890	1	3,575
Fiscal accountant	5	19,080	4.5	17,641	4.2	14,346
Head of unit	5	19,190	5	18,852	4.1	13,610
Head photographer	1	3,640	1	3,640		
Investigator	9	34,520	9	34,197	9.1	29,929
Junior training officer	1	3,750	1	3,716	0.7	2,267
Grade 8. Range \$3,310 to \$3,970:						
Grade 7. Range \$2,980 to \$3,640:	48		47.5		38.4	12,275
Grade 6. Range \$2,650 to \$3,310:	13	149,302		146,004		101,793
Grade 5. Range \$2,320 to \$2,980:	99	37,420	97	37,275	19.7	46,127
		246,492		239,637		167,862
Grade 4. Range \$2,100 to \$2,496:	146		142.2		122.2	224,670
Grade 3. Range \$1,902 to \$2,298:		320,831		309,893		197,066
Grade 2. Range \$1,704 to \$2,100:		224,497		221,303		83,467
Grade 1. Range \$1,506 to \$1,902:	50.1	89,673	50.1	88,653	57.1	7,139
Professional service:	7	11,293	7	10,867	5.9	
Grade 7. Range \$7,175 to \$3,225:						
Agriculturist	1	7,700	1	7,586	2.8	18,539
Agricultural economist	1	7,438	1	7,296	0.6	3,250
Assistant director	5	37,190	5	37,190	5	32,374
Grade 6. Range \$6,230 to \$7,070:						
Agriculturist	2	12,880	2	12,856	2.3	13,036
Agricultural economist	5	33,038	4.3	27,259	3.6	19,664
Chief of section	8	51,520	8	51,408	8.1	45,718
Information specialist	2	12,670	2	12,621	1	5,600
Grade 5. Range \$5,180 to \$6,020:						
Agriculturist	4	20,720	4	20,720	1.9	9,022
Agricultural economist	5	26,530	4	21,084	4.1	19,783
Assistant chief	1	5,390	1	5,390	1	4,600
Assistant to director	1	5,180	1	5,180	1.3	5,955
Chief of section					1.2	5,316
Head of unit	4	22,820	4	22,651	4	19,800
Information specialist	1	5,390	1	5,390	1.8	8,433
Statistician	2	10,990	2	10,832	2	9,450
Grade 4. Range \$4,300 to \$5,180:						
Agriculturist	1	4,520	1	4,520	1	3,800
Agricultural economist	2	9,550	2	9,480	1.7	6,665
Agricultural statistician	1	4,300	1	4,300	1	3,779
Chief of laboratory	1	4,300	1	4,300		
Information specialist	6	26,680	6	26,324	6	23,168
Grade 3. Range \$3,640 to \$4,300:						
Agricultural economist	2	7,390	2	7,385	1.4	4,604
Agricultural engineer	1	4,300	1	4,300	0.5	1,921
Engineer	2	7,720	2	7,720	1	3,325
Information specialist	4	15,220	4	15,055	5.8	19,203
Statistician	1	3,750	1	3,750	1.6	5,125
Grade 2. Range \$2,980 to \$3,640:	5	15,656	5	15,588	4.1	10,740
Grade 1. Range \$2,320 to \$2,980:	4	9,500	4	9,484	2.7	5,509

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>						
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310:					1	\$2,300
Grade 6. Range \$2,320 to \$2,980:	6	\$14,800	6	\$14,800		
Grade 5. Range \$2,100 to \$2,496:	5	10,530	5	10,724	1	1,800
Grade 4. Range \$1,902 to \$2,298:	9	17,580	9	17,433		
Grade 3. Range \$1,704 to \$2,100:	1.8	2,982	1.8	2,982	0.8	1,116
Crafts, protective, and custodial service:						
Grade 4. Range \$1,770 to \$2,166:			0.3	494	0.5	750
Grade 3. Range \$1,572 to \$1,902:	5	8,322	5	8,307	5.1	6,800
Grade 2. Range \$1,440 to \$1,770:	20.5	32,263	20.5	31,357	21.5	24,825
Total permanent, departmental	726.4	2,205,902	729.3	2,212,023	686.1	1,793,250
Temporary employment, departmental					2	2,799
Part-time employment, departmental	0.5	1,248	0.5	1,248	0.2	268
W. A. E. employment, departmental	0.2	1,126	0.2	1,126	0.1	75
Overtime pay, departmental				47,996		317,567
All personal services, departmental	727.1	2,208,276	730	2,262,393	688.4	2,113,959
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer	2	13,300	2	13,300	2	11,650
Chairman, State committee	3	20,370	3	20,213	3	17,900
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer	13.2	71,945	13	70,692	14.3	69,345
Chairman, State committee	25.9		25.8		26.8	
		144,531		143,843		125,529
Executive assistant	7.8	41,695	7.8	41,679	7.8	36,945
State committeeman	65.9		62.1		60.6	
		341,242		320,586		270,614
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	27.3		24		29.2	
		123,935		108,832		108,116
Chief farmer fieldman	1	4,740	1	4,740	1	4,000
Chief of section	5	23,040	11	50,298	14.8	57,655
Program specialist	2	8,300	2	8,300	1	4,000
State supervisor	2.6	11,972	2.6	11,913	3.7	14,611
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer	1	4,410	1	4,381	2.6	10,225
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	37.3		37.3		37.8	
		143,633		141,960		127,410
Assistant chief farmer fieldman	1	3,970	1	3,970	1	3,400
Chief of section	60		65		66.8	
		231,050		248,999		218,617
Farmer fieldman	29.8		30		28.6	
		113,752		114,009		95,397
Investigator	1	3,970	1	3,970	1	3,400
Program specialist	64.9		59.9		55	
		245,720		227,083		181,788
Grade 8. Range \$3,310 to \$3,970:	4	15,110	4	15,022	5.5	17,636
Grade 7. Range \$2,980 to \$3,640:	310.1		376.3		378.4	
		988,996		1,194,186		1,009,421
Grade 6. Range \$2,650 to \$3,310:	32.2	88,523	26.2	71,868	20.7	48,292
Grade 5. Range \$2,320 to \$2,980:	189		142		140.1	
		466,220		351,970		291,376
Grade 4. Range \$2,100 to \$2,496:	161.6		161.6		153.6	
		354,662		351,699		291,886
Grade 3. Range \$1,902 to \$2,298:	385.9		615.5		603.3	
		795,108		1,221,300		986,957
Grade 2. Range \$1,704 to \$2,100:	659.5		667.8		789	
		1,245,011		1,209,299		1,152,672
Grade 1. Range \$1,506 to \$1,902:	14	24,646	15	24,024	22.2	29,798
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Chief of section	1	5,810	1	5,754	1	5,000
Grade 4. Range \$4,300 to \$5,180:						
Agricultural economist	0.5	1,990	0.5	1,990	0.5	1,812
Cartographic engineer	1	4,740	1	4,740	1	4,200
Grade 3. Range \$3,640 to \$4,300:						
Cartographic engineer	1	3,750	1	3,750	1	3,922
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:	1	3,090	1	3,035	0.4	1,069
Grade 7. Range \$2,650 to \$3,310:	1	2,760	1	2,705	1	2,300
Grade 6. Range \$2,320 to \$2,980:	1	2,430	1	2,380	0.7	1,765
Grade 4. Range \$1,902 to \$2,298:	4	7,872	4	7,852	4	7,336
Grade 3. Range \$1,704 to \$2,100:	4	7,278	4	7,192	4	6,438
Crafts, protective, and custodial service:						
Grade 6. Range \$2,166 to \$2,562:	1	2,232	1	2,199	0.5	930
Grade 4. Range \$1,770 to \$2,166:	7	13,182	7	13,098	6.7	9,845
Grade 3. Range \$1,572 to \$1,902:	2	3,342	2	3,342	2.4	3,367
Grade 2. Range \$1,440 to \$1,770:	17	25,074	18	26,180	17.7	20,155
Grade 1. Range \$864 to \$1,152:	3.1	4,634	3.1	4,502	4	4,202
Total permanent, field	2,151.6	5,618,035	2,403.5	6,066,855	2,514.7	5,260,981
Part-time employment, field		3.2		7.8		13,266
Temporary employment, field	131.3		178.1		180.5	
		227,445		309,324		248,248
W. A. E. employment, field	2.2	4,695	2.2	4,695	3	3,328
Overtime pay, field				162,043		1,129,156
Additional pay for foreign service, field		121,635		116,502		98,185
All personal services, field	2,288.3	5,978,959	2,587	6,666,568	2,706	6,753,164
01 Personal services (net)	3,015.4	8,187,235	3,317	8,928,961	3,394.4	8,867,123



# **PRODUCTION AND MARKETING ADMINISTRATION—** Continued

## **ADMINISTRATIVE EXPENSES, SECTION 392, AGRICULTURAL ADJUSTMENT ACT OF 1938—Continued**

### **Administrative Expenses, Section 392, Agricultural Adjustment Act of 1938—Continued**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	\$1,100,000	\$1,099,400	\$1,095,702
03 Transportation of things.....	66,000	65,700	65,795
04 Communication services.....	156,900	163,160	166,900
05 Rents and utility services.....	333,500	333,500	333,815
07 Other contractual services.....	70,000	69,400	69,739
08 Supplies and materials.....	193,600	194,500	224,698
09 Equipment.....	30,000	24,000	3,113
Total other obligations.....	1,950,000	1,949,660	1,959,762
Grand total obligations.....	10,137,235	10,878,621	10,826,885
Reimbursements for services performed.....	-116,964	-104,887	-118,677
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture".....			+5,600
Received by transfer from—			
"Conservation and use of agricultural land resources, Department of Agriculture".....	-7,886,480	-7,335,272	-7,917,360
"Parity payments, Department of Agriculture".....			-274,831
"Administration of Sugar Act, Department of Agriculture".....	-612,809	-619,868	-625,000
Federal Crop Insurance Corporation.....	-789,900	-795,584	-285,400
"Moisture content and grade determinations".....	-731,082	-739,399	-100,000
"Salaries and expenses, War Food Administration, Department of Agriculture".....		-1,056,522	-1,497,903
Commodity Credit Corporation.....		-227,089	-31,667
Covered into Treasury as miscellaneous receipts, Public Law 329.....			+18,353
Total estimate or appropriation.....			

## **LOCAL ADMINISTRATION, SECTION 388, AGRICULTURAL ADJUSTMENT ACT OF 1938**

### **Local Administration, Section 388, Agricultural Adjustment Act of 1938—**

NOTE.—This appropriation account has been established pursuant to sections 388 (b) and 392 (a) of the Agricultural Adjustment Act of 1938, as amended (7 U. S. C. 1281-1407), which provide that the Secretary of the Treasury is authorized and directed upon the request of the Secretary to establish one or more separate appropriation accounts into which there shall be transferred from the respective funds available for the purposes of the several acts in connection with which personnel or other facilities of the Agricultural Adjustment Agency (now Production and Marketing Administration) are utilized, proportionate amounts estimated by the Secretary to be required by the local county agricultural conservation associations for carrying out any of the provisions of the respective acts.

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>Expenses of county agricultural conservation associations of farmers</b>			
11 Grants, subsidies, and contributions (conservation payments to farmers):			
Personal services.....	\$22,231,422	\$24,731,993	\$23,916,919
Travel.....	830,203	767,918	883,894
All other expenses.....	3,012,000	3,012,000	3,011,762
Grand total obligations.....	26,073,625	28,511,911	27,812,575
Reimbursements for services performed.....	-2,238,913	-2,238,913	-1,439,733
Allotted to Forest Service.....	+97,586	+99,500	+134,837
Received by transfer from—			
"Conservation and use of agricultural land resources, Department of Agriculture".....	-20,437,298	-16,919,505	-16,300,000
"Administration of Sugar Act, Department of Agriculture".....	-375,000	-375,000	-375,000
Federal Crop Insurance Corporation.....	-1,995,000	-2,273,790	-1,264,600
"Moisture content and grade determination".....	-1,125,000	-1,024,423	-447,280
Commodity Credit Corporation.....		-2,434,180	-1,808,333
"Salaries and expenses, War Food Administration, Department of Agriculture".....		-3,345,600	-6,312,466
Total estimate or appropriation.....			

## **Salaries and Expenses, Agricultural Adjustment Administration—**

NOTE.—The sum of \$100,000,000 was appropriated in accordance with the provisions of sec. 12 (a), title I, of the act of May 12, 1933, as amended (7 U. S. C. 612), to be available to the Secretary for administrative expenses under this title and the provisions of the Agricultural Marketing Agreement Act of 1937 (7 U. S. C. 608c-608d), and for payments authorized to be made under sec. 8. Such sum of \$100,000,000 remains available until expended.

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Allotted to International Production Control Committees.....	+38,500	+38,500	+38,500
Transferred to "Marketing agreements, hog cholera virus and serum, Agricultural Research Administration".....	+37,300	+37,740	+38,444
Prior year balance available in 1945.....			-501,679
1945 balance available in 1946.....		-454,735	+454,735
1946 balance available in 1947.....	-408,495	+408,495	
1947 balance available in 1948.....	+362,695		
Total estimate or appropriation.....			

## **SUGAR ACT**

### **Administration of Sugar Act, Department of Agriculture—**

To enable the Secretary to carry into effect the provisions, other than those specifically relating to the Philippine Islands, of the Sugar Act of 1937, approved September 1, 1937, as amended (7 U. S. C. 1100-1183), including the employment of persons and means, in the District of Columbia and elsewhere, as authorized by said Act, **[\$48,446,000]** \$55,000,000, to remain available until June 30, **[1947]** 1948: *Provided, however, That none of the funds appropriated under this head shall be used for payments in amounts in excess of those determined by the Secretary to be necessary to provide returns to producers equivalent to those contemplated under the 1946 support payment programs approved by the Stabilization Administrator.* (Act of May 5, 1945, Public Law 52.)

Annual appropriation, general account:

Estimate 1947, **\$55,000,000**      Appropriated 1946, **\$48,446,000**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Clerical, administrative, and fiscal service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 13. Range \$6,230 to \$7,070:						
Budget analyst.....					0.6	\$3,531
Grade 12. Range \$5,180 to \$6,020:						
Industrial specialist.....	1	\$5,390	1	\$5,390	0.8	3,695
Management analyst.....					0.3	1,278
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer.....					0.1	496
Wage rate analyst.....	1	4,520	1	4,410	1	3,800
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	1	3,860	1	3,775	1.5	4,914
Budget analyst.....					0.7	2,133
Procedure analyst.....	1	3,750	1	3,729		
Grade 7. Range \$2,980 to \$3,640:	4	12,140	4	12,060	2.8	7,409
Grade 6. Range \$2,650 to \$3,310:	2	5,520	2	5,409	2.1	4,989
Grade 5. Range \$2,320 to \$2,980:	4	9,830	4	9,480	2.9	5,909
Grade 4. Range \$2,100 to \$2,496:	13	28,488	13	28,221	9.7	19,136
Grade 3. Range \$1,902 to \$2,298:	1	2,100	1	2,038	1.1	1,822
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Assistant branch chief.....			0.1	572	1	6,500
Chief, Sugar Act division.....	1	7,437	0.9	6,865		
Grade 6. Range \$6,230 to \$7,070:						
Chief of section.....	3	19,320	3	19,320	3	16,800
Grade 5. Range \$5,180 to \$6,020:						
Chief of section.....	1	6,020	1	6,020		
Technologist.....	1	5,810	1	5,754		
Grade 4. Range \$4,300 to \$5,180:						
Economist.....	2	8,820	2	8,778	3	11,447
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:	1	1,704	1	1,653	1	1,335
Department of Agriculture grades:						
Grade 26. Range \$8,750 to \$9,800:						
Chief, sugar branch.....			0.1	1,159	1	8,250
Sugar specialist.....	1	9,275	0.9	8,116		
Total permanent, departmental.....	38	133,984	38	132,749	32.6	103,444
Overtime pay, departmental.....				2,715		17,097
01 Personal services (net).....	38	133,984	38	135,464	32.6	120,541
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		8,000		8,000		4,180
03 Transportation of things.....		400		400		663
04 Communication services.....		1,800		1,800		1,564
07 Other contractual services.....		486		4,486		494
08 Supplies and materials.....		1,000		1,000		770



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS—continued</b>			
09 Equipment.....	\$550	\$550	\$510
11 Grants, subsidies, and contributions.....	53,832,686	47,281,964	51,324,954
Total other obligations.....	53,844,922	47,298,200	51,333,135
Grand total obligations.....	53,978,906	47,433,664	51,453,676
Allocated to International Production Control Committees.....	+4,000	+4,000	+4,000
Transferred to—			
“Local administration, sec. 388, Agricultural Adjustment Act of 1938”.....	+375,000	+375,000	+375,000
“Administrative expenses, sec. 392, Agricultural Adjustment Act of 1938”.....	+612,809	+619,868	+625,000
“Salaries and expenses, Division of Disbursement,” Treasury Department.....	+7,002	+7,629	+7,296
“Printing and binding, Division of Disbursement,” Treasury Department.....	+149	+149	+149
“Salaries and expenses, Office of Treasurer of United States”.....	+334	+346	-----
“Printing and binding, Office of Treasurer of United States”.....	+50	+50	-----
“Administration of Sugar Act (transfer to General Accounting Office)”.....	+21,750	+24,785	+25,585
1945 balance available in 1946.....	-----	-19,491	+19,491
Net total obligations.....	55,000,000	48,446,000	52,510,197
Covered into Treasury as miscellaneous receipts, Public Law 529.....	-----	-----	+6
Total estimate or appropriation.....	55,000,000	48,446,000	52,510,203

**[SCHOOL LUNCH PROGRAM] EXPORTATION AND DOMESTIC CONSUMPTION OF AGRICULTURAL COMMODITIES**

**Exportation and Domestic Consumption of Agricultural Commodities, Department of Agriculture—**

**[Not]** To enable the Secretary to further carry out the provisions of section 32, as amended, of the Act entitled “An Act to amend the Agricultural Adjustment Act, and for other purposes”, approved August 24, 1935 (7 U. S. C. 612 (c)), and subject to all provisions of law relating to the expenditure of funds appropriated by such section 32, there is hereby reappropriated for the fiscal year 1947 the unobligated balances of the funds made available for the purposes of such section 32 for the fiscal years 1944, 1945, and 1946. Such sums shall be in addition to, and not in substitution for, other appropriations made by or for the purposes of such section 32: *Provided*, That not exceeding \$50,000,000 of the funds appropriated by and pursuant to such section 32, as amended, of the Act of August 24, 1935 (7 U. S. C. 612 (c)), may also be used during the current fiscal year to provide food for consumption by children in nonprofit schools of high-school grade or under and for child-care centers through (a) the purchase, processing, and exchange, and the distribution of agricultural commodities and products thereof; or (b) the making of payments to such schools and centers or agencies having control thereof in connection with the purchase and distribution of agricultural commodities in fresh or processed form and, when desirable, for the processing and exchange of such commodities and their products; or (c) by such other means as the Secretary may determine: *Provided further*, That funds made available hereunder for a school lunch program shall be apportioned for expenditure in the States, Territories, possessions, and the District of Columbia in accordance with school enrollment and need, as determined by the Secretary, except that if program participation in any State, Territory, possession, or the District of Columbia does not require all funds so apportioned, the Secretary may reappropriate such excess funds to such other States, Territories, possessions, or the District of Columbia in consideration of need, as he may determine: *Provided further*, That benefits under (b) of this paragraph to schools or child-care centers or other sponsoring agencies shall in no case exceed the cost of the agricultural commodities or products thereof purchased by the school or child-care center or other sponsoring agencies as established by certificates executed by the authorized representative of the sponsoring agency: *Provided further*, That such sponsoring agency shall maintain accounts and records clearly establishing costs of agricultural commodities or products furnished in the program and that such accounts and records shall be available for audit by representatives of the Department [of Agriculture]: *Provided further*, That these funds may be used for, or to make payments in connection with, the purchase of such agricultural commodities and for exchanging, distributing, disposing, transporting, storing, processing, inspection, commission, and other incidental costs and expenses without regard to the provisions of section 3709 of the Revised Statutes and without regard to the 25 per centum limitation contained in said section 32: *Provided further*, That not more than 2 per centum of the funds made available hereunder for a school lunch program shall be used to

provide food for children in child-care centers. The amount of funds available hereunder for a school lunch program used in any State, Territory, possession, or the District of Columbia during any fiscal year shall not exceed the total amount otherwise furnished for the same purpose by or on behalf of the school authorities and other sponsoring agencies in such State, Territory, possession, or District of Columbia including the value of donated services and supplies, as certified by the respective schools, care centers, or agencies having control thereof.

¶The limitation of \$50,000,000 for the objects and for the purposes of the item “School lunch program” contained in the Department of Agriculture Appropriation Act, 1946, is increased by \$7,500,000. (Act of May 5, 1945, Public Law 52; Act of Dec. 28, 1945, Public Law 269.)

**Permanent annual appropriation:**

**Exportation and Domestic Consumption of Agricultural Commodities, Department of Agriculture—**

**NOTE.**—Sec. 32 of the act of Aug. 24, 1935 (7 U. S. C. 612c), appropriates for each fiscal year an amount equal to 30 per centum of the gross receipts from duties collected under the customs laws during the period Jan. 1 to Dec. 31, both inclusive, preceding the beginning of each such fiscal year, to be used by the Secretary to (1) encourage the exportation of agricultural commodities and products thereof by the payment of benefits in connection with the exportation thereof or of indemnities for losses incurred in connection with such exportation or by payments to producers in connection with the production of that part of any agricultural commodity required for domestic consumption; (2) encourage the domestic consumption of such commodities or products by diverting them, by the payment of benefits or indemnities or by other means, from the normal channels of trade and commerce; and (3) reestablish farmers' purchasing power by making payments in connection with the normal production of any agricultural commodity for domestic consumption.

Estimate 1947, \$118,000,000      Appropriated 1946, \$113,000,000  
Revised 1946, \$114,274,626

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 15. Range \$8,750 to \$9,800:						
Field representative.....	0.5	\$4,375	0.5	\$4,375	-----	-----
Grade 14. Range \$7,175 to \$8,225:						
Administrative officer.....	1.6	11,938	1.6	11,938	1	\$6,500
Assistant director of branch.....	1	7,659	1	7,659	0.3	1,722
Chief of division.....	0.5	3,587	0.5	3,587	0.6	3,747
Marketing specialist.....	5.2	37,310	5.2	37,310	3.1	20,353
Grade 13. Range \$6,230 to \$7,070:						
Accountant.....	1	6,230	1	6,230	0.5	3,011
Administrative officer.....	5	31,150	5	31,150	4	22,762
Assistant director of branch.....	0.5	3,115	0.5	3,115	0.1	650
Chief, administrative services division.....	0.1	623	0.1	623	-----	-----
Chief of division.....	0.1	623	0.1	623	-----	-----
Chief of section.....	3	18,762	3	18,762	1.8	10,080
Compliance specialist.....	1	6,755	1	6,755	-----	-----
Industrial specialist.....	1	6,230	1	6,230	0.1	467
Marketing specialist.....	12	76,860	12	74,760	10	56,437
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer.....	5	26,110	5	25,900	1.7	7,858
Chief of section.....	2	10,360	2	10,360	0.6	2,968
Marketing specialist.....	17	89,110	17	88,060	10.3	49,325
Grade 11. Range \$4,300 to \$5,180:						
Accountant.....	2	8,600	2	8,600	-----	-----
Administrative officer.....	7	30,100	7	30,100	5.2	19,685
Industrial specialist.....	2	8,600	2	8,600	0.8	3,008
Marketing analyst.....	1	4,300	1	4,300	0.2	633
Marketing specialist.....	5	21,500	5	21,500	2.1	7,978
Grade 10. Range \$3,970 to \$4,630:						
Procedure analyst.....	0.2	636	0.2	636	-----	-----
Unit chief.....	0.1	396	0.1	396	-----	-----
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	13.3	48,412	13.3	48,412	7.3	23,688
Fiscal accountant.....	7	25,920	7	25,480	4	13,275
Inspector.....	1	3,640	1	3,640	0.5	1,739
Marketing analyst.....	1	3,640	1	3,640	0.3	1,075
Marketing specialist.....	6.4	23,516	6.4	23,296	2.2	7,217
Personnel technician.....	1.2	4,423	1.2	4,423	0.9	2,800
Traffic assistant.....	1	3,640	1	3,640	0.2	667
Grade 8. Range \$3,310 to \$3,970.....	1.1	3,758	1.1	3,758	-----	-----
Grade 7. Range \$2,980 to \$3,640.....	40	120,320	40	119,200	35.3	93,247
Grade 6. Range \$2,650 to \$3,310.....	4	10,600	4	10,600	3.4	8,253
Grade 5. Range \$2,320 to \$2,980.....	51	118,320	51	118,320	32.8	66,282
Grade 4. Range \$2,100 to \$2,496.....	91	196,380	91	191,100	87.1	158,819
Grade 3. Range \$1,902 to \$2,298.....	55	107,580	55	104,610	48.5	78,681
Grade 2. Range \$1,704 to \$2,100.....	28	48,372	28	47,712	18.6	27,322
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Agricultural economist.....	1	7,175	1	7,175	0.3	2,097
Grade 6. Range \$6,230 to \$7,070:						
Agricultural economist.....	6	37,380	6	37,380	4	23,009
Architectural engineer.....	1	6,359	1	6,359	1	5,600
Chief of division.....	2	13,300	2	13,300	0.2	1,120
Food technologist.....	1	6,230	1	6,230	0.8	4,200
Information specialist.....	1	6,230	1	6,230	1.3	6,733
Grade 5. Range \$5,180 to \$6,020:						
Agricultural economist.....	2	10,360	2	10,360	1	4,600
Agricultural statistician.....	1	5,180	1	5,180	0.2	1,080
Assistant to director of branch.....	1.6	8,288	1.6	8,288	0.3	1,380
Chief of section.....	1	5,180	1	5,180	0.2	1,000
Nutritionist.....	1	5,180	1	5,180	0.2	950
Safety engineer.....	-----	-----	-----	-----	0.6	2,968



# **PRODUCTION AND MARKETING ADMINISTRATION—** **Continued**

**[SCHOOL LUNCH PROGRAM] EXPORTATION AND DOMESTIC CONSUMPTION OF AGRICULTURAL COMMODITIES—Continued**

## **Exportation and Domestic Consumption of Agricultural Commodities, Department of Agriculture—Continued**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—con.</b>			
Professional service—Continued			
Grade 4. Range \$4,300 to \$5,180:			
Agricultural economist	7.2 \$30,960	7.2 \$30,960	3.3 \$12,666
Chief of section	1 4,520	1 4,520	0.5 1,900
Cotton technologist			0.5 1,906
Information specialist	1.7 7,310	1.7 7,310	0.1 409
Nutritionist	2 8,600	2 8,600	
Grade 3. Range \$3,640 to \$4,300:			
Agricultural economist	3.3 12,012	3.3 12,012	1.3 4,100
Information specialist	3.4 12,376	3.4 12,376	0.1 344
Nutritionist	2 7,280	2 7,280	
Grade 2. Range \$2,980 to \$3,640:			
Information specialist	7 20,860	7 20,860	2.3 5,986
Grade 1. Range \$2,320 to \$2,980:			
Information specialist	4.8 11,136	4.8 11,136	1.5 3,107
Crafts, protective, and custodial service:			
Grade 4. Range \$1,770 to \$2,166:			
Information specialist	0.2 288	0.2 288	
Grade 3. Range \$1,572 to \$1,902:			
Information specialist	7.6 11,947	7.6 11,947	4.9 6,429
Grade 2. Range \$1,440 to \$1,770:			
Information specialist	3.3 4,740	3.3 4,740	2.1 2,579
Department of Agriculture grades:			
Grade 28. Range \$9,800 to \$10,000:			
Assistant administrator	0.2 1,923	0.2 1,923	0.3 2,348
Director, budget and management branch	0.1 980	0.1 980	
Treasurer	0.1 980	0.1 980	
Deputy administrator	0.2 1,960	0.2 1,960	0.2 1,500
Grade 27. Range \$9,275 to \$9,800:			
Assistant treasurer	0.3 2,781	0.3 2,781	
Grade 26. Range \$8,750 to \$9,800:			
Assistant deputy administrator	1.3 11,787	1.3 11,787	1.2 9,677
Assistant director, grain branch	0.4 3,467	0.4 3,467	1 8,000
Chief, audit division	0.2 1,750	0.2 1,750	
Chief, program appraisal branch			0.1 667
Deputy administrator	1.2 10,500	1.2 10,500	0.1 1,000
Director, cotton branch	0.5 4,507	0.5 4,507	
Director, dairy branch	0.5 4,507	0.5 4,507	
Director, food distribution programs branch	0.5 4,380	0.5 4,380	
Director, fruit and vegetable branch	0.5 4,507	0.5 4,507	
Director, livestock branch	0.2 1,346	0.2 1,346	
Director, poultry branch	0.1 875	0.1 875	
Director, shipping and storage branch	0.1 875	0.1 875	
Director, tobacco branch	0.2 1,733	0.2 1,733	
Grade 24. Range \$7,700 to \$8,750:			
Assistant deputy administrator	1 7,700	1 7,700	
Assistant director, cotton branch	0.1 770	0.1 770	
Assistant director, grain branch	0.1 796	0.1 796	
Assistant to director, grain branch	0.1 796	0.1 796	
Grade 23. Range \$7,175 to \$8,225:			
Assistant to director, cotton branch	0.1 744	0.1 744	
Chief, management and organization division	0.1 717	0.1 717	
Chief, personnel division	0.1 717	0.1 717	
Special assistant to director	0.4 2,976	0.4 2,976	1 6,562
Grade 21. Range \$6,230 to \$7,070:			
Chief of section	0.4 2,208	0.4 2,208	
Grade 20. Range \$5,180 to \$5,810:			
Assistant chief of division	0.1 432	0.1 432	
Grade 19. Range \$4,300 to \$5,070:			
Chief of section	0.2 744	0.2 744	
Grade 17. Range \$3,640 to \$4,080:			
Chief of section	0.2 576	0.2 576	
Total permanent, departmental	446.4 1,454,375	446.4 1,440,325	314.1 824,166
Temporary employment, departmental	2 3,000	2 3,000	1.6 2,299
Part-time employment, departmental			0.4 367
W. A. E. employment, departmental			0.1 650
W. O. C. employment, departmental	0.6 0	0.6 0	1.3 0
Overtime pay, departmental			34,593
All personal services, departmental	449 1,457,375	449 1,477,918	317.5 974,030
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 14. Range \$7,175 to \$8,225:			
Regional director	1.9 13,496	1.9 13,496	0.3 1,625
Assistant regional director	0.2 1,494	0.2 1,494	
Grade 13. Range \$6,230 to \$7,070:			
Administrative officer	5 31,150	5 31,150	2.6 14,427
Assistant regional director	2.1 13,083	2.1 13,083	1.2 6,720
Chief of division	1.2 7,476	1.2 7,476	0.2 1,120
District director	0.3 2,176	0.3 2,176	0.2 1,120
Field relations officer	0.7 4,502	0.7 4,502	0.2 1,120
Marketing specialist	4 24,920	4 24,920	3 17,397
State director	4.8 30,089	4.8 30,089	2 11,200
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer	7 36,260	7 36,260	3 14,157
Assistant chief of division	1.6 8,294	1.6 8,294	1 4,600
Assistant chief of section	0.3 1,607	0.3 1,607	0.5 2,300
Assistant district director	1.3 6,734	1.3 6,734	
Assistant regional director	0.7 3,858	0.7 3,858	0.8 3,483
Assistant State director	1.6 8,288	1.6 8,288	0.3 1,150
Auditor	1.5 7,766	1.5 7,766	

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Clerical, administrative, and fiscal service—Continued			
Grade 12. Range \$5,180 to \$6,020—Con.			
Chief of division	3.5 \$19,019	3.5 \$19,019	0.5 \$2,300
Chief of section	4.1 22,151	4.1 22,151	0.5 2,300
Commodity specialist	8 41,440	8 41,440	2 9,439
Commercial specialist	0.3 1,660	0.3 1,660	0.5 2,142
District director	5.8 30,044	5.8 30,044	18 83,587
Marketing specialist	4 21,715	4 21,715	1.9 8,807
Purchase and sales officer	0.3 1,660	0.3 1,660	0.2 767
Regional personnel officer	1 5,180	1 5,180	
State director	13.8 72,974	13.8 72,974	5 23,000
Tobacco inspector			1 5,000
Grade 11. Range \$4,300 to \$5,180:			
Accountant	13 55,900	13 55,900	7.7 29,268
Administrative officer	17 73,100	17 73,100	12.5 48,247
Assistant chief of division	3.3 14,480	3.3 14,480	0.5 1,900
Assistant chief of section	2 8,618	2 8,618	0.4 1,746
Assistant district director	5.1 22,316	5.1 22,316	9 34,200
Assistant to the regional director	0.4 1,782	0.4 1,782	
Assistant State director	6.9 30,108	6.9 30,108	0.8 2,880
Auditor	0.7 3,010	0.7 3,010	
Chief of division	1.4 6,185	1.4 6,185	0.3 950
Chief of section	2.7 11,807	2.7 11,807	0.8 3,040
Commercial specialist	0.3 1,368	0.3 1,368	
District director	1.9 8,431	1.9 8,431	10 37,870
District program assistant	2.9 12,758	2.9 12,758	
Food preservation specialist	1.2 5,156	1.2 5,156	1 3,800
Head of unit	0.9 3,902	0.9 3,902	0.5 2,030
Information specialist	2.7 11,829	2.7 11,829	1.5 5,660
Inspector	1 4,681	1 4,681	0.7 3,011
Investigator	4 17,378	4 17,378	
Marketing specialist	10 43,000	10 43,000	5.8 22,194
Personnel technician	0.2 796	0.2 796	
Purchase and sales officer	4 17,200	4 17,200	2.8 10,618
Regional finance officer	0.6 2,635	0.6 2,635	
State director	7.9 33,888	7.9 33,888	2.2 8,385
Subdistrict director	0.3 1,368	0.3 1,368	
Tobacco specialist	1 4,300	1 4,300	1 4,200
Traffic officer	0.9 4,012	0.9 4,012	
Wheat specialist	0.2 796	0.2 796	0.8 3,325
Grade 10. Range \$3,970 to \$4,630:			
Tobacco inspector			0.5 1,900
Grade 9. Range \$3,640 to \$4,300:			
Accountant	14 51,950	14 50,960	9 29,540
Administrative assistant	30 109,200	30 109,200	26 84,810
Area program assistant			1.1 3,845
Area supervisor			3.5 11,117
Assistant chief of division	2 7,250	2 7,250	0.2 640
Assistant chief of section	1 3,640	1 3,640	0.2 640
Assistant State director	1.2 4,251	1.2 4,251	1 3,800
Assistant traffic officer	1 3,640	1 3,640	
Assistant unit head	1 3,640	1 3,640	0.2 640
Auditor	7 25,480	7 25,480	0.9 2,918
Chief of section	4 14,560	4 14,560	0.9 2,880
Commercial specialist	1 3,640	1 3,640	
District program assistant	35 127,400	35 127,400	32 105,379
District director	5.7 21,083	5.7 21,083	0.5 1,333
Food preservation specialist	4 14,560	4 14,560	1.4 4,677
Head of unit	6.5 24,041	6.5 24,041	0.5 1,600
Information specialist	1.9 7,496	1.9 7,496	1.8 5,942
Inspector	8 29,890	8 29,890	6.1 19,592
Investigator	5 18,861	5 18,861	1.4 4,587
Marketing specialist	9 32,760	9 32,760	5 16,933
Purchase and sales officer	6 21,840	6 21,840	2.8 9,034
Seed specialist	0.6 2,206	0.6 2,206	
State program assistant	25 91,879	25 91,879	1 3,125
Subdistrict director	1.5 5,640	1.5 5,640	0.5 1,488
Subdistrict program assistant	0.4 1,399	0.4 1,399	
Subunit head	2 8,460	2 8,460	0.4 1,280
Traffic officer	2 7,574	2 7,574	
Grade 7. Range \$2,980 to \$3,640:			
	74.4 231,254	74.4 231,254	49.9 132,924
Grade 6. Range \$2,650 to \$3,310:			
	2 5,300	2 5,300	4 9,518
Grade 5. Range \$2,320 to \$2,980:			
	60 139,200	60 139,200	45.7 91,362
Grade 4. Range \$2,100 to \$2,496:			
	101 218,436	101 212,100	96.5 178,026
Grade 3. Range \$1,902 to \$2,298:			
	184.6 362,112	184.6 356,488	146.7 251,810
Grade 2. Range \$1,704 to \$2,100:			
	65 110,760	65 110,760	61.9 91,279
Grade 1. Range \$1,506 to \$1,902:			
	5.5 8,604	5.5 8,604	2.9 4,009
<b>Professional service:</b>			
Grade 6. Range \$6,230 to \$7,070:			
Chief of division	1.7 10,524	1.7 10,524	1 5,600
Information specialist			0.3 1,867
Grade 5. Range \$5,180 to \$6,020:			
Economist	1 5,180	1 5,180	0.5 2,326
Information specialist	0.4 2,064	0.4 2,064	
Grade 4. Range \$4,300 to \$5,180:			
Agricultural economist	2 8,600	2 8,600	1.1 4,075
Information specialist	2 8,600	2 8,600	
Nutritionist	1 4,300	1 4,300	0.5 2,257
Social economist			0.5 2,000
Grade 3. Range \$3,640 to \$4,300:			
Agricultural economist	3 10,920	3 10,920	1 3,230
Chief of section	2 7,280	2 7,280	0.1 320
Information specialist			1.4 4,533
Marketing specialist	4 14,560	4 14,560	
Nutritionist	2 7,280	2 7,280	0.5 1,696
Grade 2. Range \$2,980 to \$3,640:			
	8 23,840	8 23,840	3.9 9,799
Grade 1. Range \$2,320 to \$2,980:			
	5 11,600	5 11,600	0.8 1,564
<b>Subprofessional service:</b>			
Grade 5. Range \$2,100 to \$2,496:			
	1 2,100	1 2,100	0.1 144
Crafts, protective, and custodial service:			
Grade 4. Range \$1,770 to \$2,166:			
	2 3,540	2 3,540	
Grade 3. Range \$1,572 to \$1,902:			
	4 6,288	4 6,288	0.5 603
Grade 2. Range \$1,440 to \$1,770:			
	10 14,400	10 14,400	5.4 6,401



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
	Man- Total years salary	Man- Total years salary	Man- Total years salary
<b>PERSONAL SERVICES, FIELD—continued</b>			
Unclassified.....	5.4 \$5,875	5.4 \$5,875	
Total permanent, field.....	889.3 2,682,857	889.3 2,669,907	625.3 \$1,564,098
Temporary employment, field.....	8 12,000	8 12,000	7.2 11,615
Part-time employment, field.....			1.2 1,628
W. A. E. employment, field.....			0.1 600
W. O. C. employment, field.....	6 0	4 0	8.3 0
Overtime pay, field.....		76,913	304,874
Additional pay for foreign service, field.....	30,083	30,083	8,066
All personal services, field.....	903.3 2,724,940	901.3 2,788,903	642.1 1,890,881
01 Personal services (net).....	1,352.3 4,182,315	1,350.3 4,266,821	959.6 2,864,911
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	441,000	441,000	376,805
03 Transportation of things.....	29,000	29,000	21,245
04 Communication services.....	145,000	145,000	105,827
05 Rents and utility services.....	141,000	141,000	91,264
07 Other contractual services.....	72,313	72,313	67,872
08 Supplies and materials.....	65,600	65,600	46,542
09 Equipment.....	15,000	15,000	11,592
11 Grants, subsidies, and contributions.....	200,648,201	108,789,312	60,897,006
Total other obligations.....	201,557,114	109,698,225	61,618,153
Grand total obligations.....	205,739,429	113,965,046	64,483,064
Reimbursements for services performed.....			-18,806
Allocated to—			
Bureau of Human Nutrition and Home Economics.....			+19,460
Extension Service.....	+8,790	+8,920	+7,900
Office of Foreign Agricultural Relations.....	+39,022	+39,696	+40,000
Transferred to—			
"Salaries and expenses, Office of Information, Department of Agriculture".....			+11,355
"Printing and binding, Department of Agriculture".....			
"Exportation and domestic consumption of agricultural commodities (transfer to Interior, Fish and Wildlife Service)".....	+175,000	+175,000	+175,000
"Salaries and expenses, Division of Disbursement," Treasury Department.....		+45,000	+45,000
"Printing and binding, Division of Disbursement," Treasury Department.....	+35,195	+38,346	+21,618
"Salaries and expenses, Office of Treasurer of United States".....	+752	+752	+380
"Printing and binding, Office of Treasurer of United States".....	+1,612	+1,666	+2,375
Reappropriation of prior year balance for 1947.....	+200	+200	+225
Reappropriation of 1945 balance for 1947.....	-33,484,858 -54,515,142		+54,515,142
Net total obligations.....	118,000,000	114,274,626	119,302,713
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+4,395
Total estimate or appropriation.....	118,000,000	114,274,626	119,307,108
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Purchase of agricultural commodities for distribution through State welfare agencies.....	\$12,789,312	\$12,789,312	\$8,330,817
2. Encouragement of export of agricultural commodities, program payments.....	30,900,000	30,900,000	4,165,876
3. Diversion of agricultural commodities to byproducts and new uses.....	7,600,000	7,600,000	556,263
4. School lunch and milk programs.....	50,000,000	57,500,000	47,844,050
5. For disposal of agricultural commodities under the above projects or other means authorized by section 32 of the act of Aug. 24, 1935, as amended.....	99,358,889		
6. Administration of exportation and domestic consumption of agricultural commodities, including marketing agreements, orders, and other authorized activities.....	5,091,228	5,064,228	3,115,830
7. Services performed for other agencies.....		111,506	18,806
8. Overtime pay.....			451,422
Grand total obligations.....	205,739,429	113,965,046	64,483,064
Adjustments (see objects schedule for detail).....	-87,739,429	+309,580	+54,824,044
Total estimate or appropriation.....	118,000,000	114,274,626	119,307,108

## COMMODITY CREDIT CORPORATION

NOTE.—The Government Corporation Control Act, Public Law 248, approved December 6, 1945, requires each wholly owned Government corporation to submit annually to the President for transmittal to the Congress a budget program or plan of operations. Because of the lateness of the passage of the act, the 1947 budget programs of the corporations will be submitted to the Congress in the spring as a supplement to the regular Budget.

## FEDERAL CROP INSURANCE CORPORATION

NOTE.—The Government Corporation Control Act, Public Law 248, approved December 6, 1945, requires each wholly owned Government corporation to submit annually to the President for transmittal to the Congress a budget program or plan of operations. Because of the lateness of the passage of the act, the 1947 budget programs of the corporations will be submitted to the Congress in the spring as a supplement to the regular Budget.

## MARKETING [SERVICE] SERVICES

## Salaries and Expenses, Marketing Services—

For the employment of such persons and means in the city of Washington and elsewhere (including not to exceed \$1,228,446) \$2,421,982 for departmental personal services in the District of Columbia) as may be necessary in conducting investigations, experiments, and demonstrations, [either independently or in cooperation with public or private agencies, organizations, or individuals,] as follows: (5 U. S. C. 511-512—establishing Department of Agriculture. The foregoing citations apply to all appropriation items under this head which are not based upon specific legislative authority either incorporated in the language of the item or cited immediately thereunder; Act of May 5, 1945, Public Law 52.)

Market news service: For collecting, publishing, and distributing, by telegraph, mail, or otherwise, timely information on the market supply and demand, commercial movement, location, disposition, quality, condition, and market prices of livestock, meats, fish, and animal products, dairy and poultry products, fruits and vegetables, peanuts and their products, grain, hay, feeds, cottonseed, and seeds, and other agricultural products, [independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the production, transportation, marketing, and distribution of farm and food products, \$1,125,300] \$1,252,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,252,000

Appropriated 1946, \$1,125,300

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
	Man- Total years salary	Man- Total years salary	Man- Total years salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:			
Grade 14. Range \$7,175 to \$8,225:			
Chief of division.....	0.3 \$1,849	0.3 \$1,849	
Grade 13. Range \$6,230 to \$7,070:			
Chief of division.....	2 12,880	2 12,880	2.2 \$12,124
Marketing specialist.....	2 12,880	2 12,695	1.7 9,341
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer.....			0.3 1,470
Assistant chief of division.....	1 5,390	1 5,390	1 4,600
Marketing specialist.....	2 10,780	2 10,683	1.9 8,623
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer.....			0.3 1,213
Marketing specialist.....	0.5 2,370	0.5 2,370	0.5 2,023
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant.....	1 3,970	1 3,970	1.4 4,887
Extension specialist.....			0.2 703
Transportation specialist.....	1 3,970	1 3,940	0.9 3,258
Grade 8. Range \$3,310 to \$3,970:			
Chief of division.....	0.3 1,058	0.3 1,058	
Grade 7. Range \$2,980 to \$3,640:			
Chief of division.....	2 6,180	2 6,083	2.5 6,791
Grade 6. Range \$2,650 to \$3,310:			
Chief of division.....	1 2,650	1 2,650	
Grade 5. Range \$2,320 to \$2,980:			
Chief of division.....	9 22,640	9 22,411	7.2 14,801
Grade 4. Range \$2,100 to \$2,496:			
Chief of division.....	15.6 35,701	15.6 35,445	13 25,132
Grade 3. Range \$1,902 to \$2,298:			
Chief of division.....	16 33,930	16 33,734	15.1 26,786
Grade 1. Range \$1,506 to \$1,902:			
Chief of division.....			0.6 831
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Agricultural economist.....			0.6 4,152
Grade 6. Range \$6,230 to \$7,070:			
Information specialist.....			0.9 5,409
Grade 5. Range \$5,180 to \$6,020:			
Agricultural statistician.....	0.1 480	0.1 480	
Grade 4. Range \$4,300 to \$5,180:			
Economist.....			0.9 3,641
Information specialist.....	2 9,260	2 9,260	0.6 2,443
Grade 3. Range \$3,640 to \$4,300:			
Information specialist.....			2.1 6,623
Economist.....	1 3,860	1 3,801	0.7 2,459
Grade 2. Range \$2,980 to \$3,640:			
Chief of division.....	2 6,180	2 6,142	2 5,253
Grade 1. Range \$2,320 to \$2,980:			
Chief of division.....	1 2,430	1 2,430	1.1 2,200
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902:			
Chief of division.....	1 1,704	1 1,704	0.7 918
Grade 2. Range \$1,440 to \$1,770:			
Chief of division.....	1 1,506	1 1,465	
Department of Agriculture grades:			
Grade 26. Range \$8,750 to \$9,800:			
Assistant director, livestock branch.....	0.3 2,782	0.3 2,782	
Unclassified.....			1 400
Total permanent, departmental.....	62.1 184,450	62.1 183,222	59.4 156,081
Temporary employment, departmental.....	0.5 923	0.5 895	0.6 829
Part-time employment, departmental.....			0.4 222
Overtime pay, departmental.....		4,500	28,545
All personal services, departmental.....	62.6 185,373	62.6 188,617	60.4 185,677



# **PRODUCTION AND MARKETING ADMINISTRATION—** Continued

## **MARKETING [SERVICE] SERVICES—Continued**

### **Salaries and Expenses, Marketing Services—Continued**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 12. Range \$5,180 to \$6,020:			
Marketing specialist.....	3.7 19,435	3.7 19,372	5.5 26,208
Officer in charge.....	3 16,590	3 16,590	
Grade 11. Range \$4,300 to \$5,180:			
Marketing reports specialist.....	2 9,040	2 8,718	1.5 5,737
Marketing specialist.....	5.5 25,850	5.5 25,626	7 27,822
Officer in charge.....	9.3 43,650	9.3 42,939	9.3 36,497
Grade 9. Range \$3,640 to \$4,300:			
Marketing specialist.....	29.7 114,468	29.7 113,405	34.2 112,068
Market reporters.....	8 31,650	8 31,450	
Specialist in cotton classing.....			1 3,200
Grade 7. Range \$2,980 to \$3,640:			
Marketing specialist.....	40.8 127,454	40.8 126,735	35.2 95,873
Grade 5. Range \$2,320 to \$2,980:			
Marketing specialist.....	11.8 31,201	11.8 30,973	13.1 28,169
Grade 4. Range \$2,100 to \$2,496:			
Marketing specialist.....	30.5 68,273	30.5 67,828	27.1 51,994
Grade 3. Range \$1,902 to \$2,298:			
Marketing specialist.....	69.3 143,082	69.3 141,781	65.3 113,278
Grade 2. Range \$1,704 to \$2,100:			
Marketing specialist.....	35.2 63,346	35.2 62,778	33.2 56,702
Grade 1. Range \$1,506 to \$1,902:			
Marketing specialist.....	1 1,704	1 1,704	5.1 6,921
Professional service:			
Grade 4. Range \$4,300 to \$5,180:			
Information specialist.....	1 4,300	1 4,300	
Grade 3. Range \$3,640 to \$4,300:			
Information specialist.....	1 3,640	1 3,640	0.2 533
Grade 2. Range \$2,980 to \$3,640:			
Information specialist.....	2 6,070	2 6,070	0.2 434
Unclassified.....	7 3,828	7 3,828	10.3 13,048
Total permanent, field.....	260.8 713,581	260.8 707,657	253.2 578,454
Temporary employment, field.....	7.5 12,470	7.5 12,433	7.7 10,579
Part-time employment, field.....	1.1 1,977	1.1 1,964	
W. A. E. employment, field.....	0.8 1,361	0.8 1,361	2.3 3,133
Overtime pay, field.....		18,220	118,565
Night-work differential, field.....	450	450	
All personal services, field.....	270.2 729,839	270.2 742,115	263.2 710,761
01 Personal services (net).....	332.8 915,212	332.8 930,732	323.6 896,438
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	31,000	31,000	30,943
03 Transportation of things.....	8,375	8,375	6,788
04 Communication services.....	209,000	209,000	209,444
05 Rents and utility services.....	24,900	24,900	22,401
07 Other contractual services.....	13,500	13,500	11,792
08 Supplies and materials.....	58,360	58,360	49,257
09 Equipment.....	6,900	6,900	3,931
Total other obligations.....	352,035	352,035	334,586
Grand total obligations.....	1,267,247	1,282,767	1,231,024
Reimbursements for services performed.....	-15,247	-15,467	-8,761
Net total obligations.....	1,252,000	1,267,300	1,222,263
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+5,834
Excess of obligations over appropriation due to Public Law 106.....		-142,000	
Estimated savings, unobligated balance.....			43,193
Total estimate or appropriation.....	1,252,000	1,125,300	1,271,290
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Market news on livestock, meats, and wool.....	\$490,945	\$483,085	\$420,957
2. Market news on fruits and vegetables.....	500,815	497,900	435,833
3. Market news on dairy and poultry products.....	143,885	143,050	122,126
4. Market news on grain, hay, feed, seed, rice, hops, and beans.....	71,075	70,660	61,231
5. Market news on cottonseed.....	19,195	19,170	14,947
6. Cold storage reports.....	26,085	25,935	20,874
7. Services performed for other agencies.....	15,247	15,247	7,916
8. Overtime pay.....		22,720	147,110
Grand total obligations.....	1,267,247	1,282,767	1,231,024
Adjustments (see objects schedule for detail).....	-15,247	-157,467	+40,266
Total estimate or appropriation.....	1,252,000	1,125,300	1,271,290

Market inspection of farm products: For enabling the Secretary, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, boards of trade, chambers of commerce, or other associations of businessmen or trade organizations, and persons or corporations engaged in the production, transportation, marketing, and distribution of farm and food products, whether operating in one or more jurisdictions, to investigate and certify, in one or more jurisdictions, to shippers and other interested parties the class, quality, and con-

dition of cotton, tobacco, fruits, and vegetables, whether raw, dried, canned, or otherwise processed, poultry, butter, hay, and other perishable farm products when offered for interstate shipment or when received at such important central markets as the Secretary may from time to time designate, or at points which may be conveniently reached therefrom under such rules and regulations as he may prescribe, including payment of such fees as will be reasonable and as nearly as may be to cover the cost for the service rendered, [\$474,000] \$536,000. (7 U. S. C. 541a, 575, 581-589; 21 U. S. C. 94a; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$536,000

Appropriated 1946, \$474,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:			
Grade 14. Range \$7,175 to \$8,225:			
Chief of division.....	0.5 3,850	0.5 3,699	1.1 7,466
Grade 13. Range \$6,230 to \$7,070:			
Chief of division.....	1.5 9,610	1.5 9,610	1.3 7,444
Chief of section.....	1 6,440	1 6,319	
Marketing specialist.....	1 6,440	1 6,440	1 5,600
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer.....	1 5,390	1 5,390	0.9 4,110
Assistant chief of section.....	1 5,600	1 5,438	1 4,647
Chief of section.....	3.5 19,285	3.5 19,285	3.5 16,500
Management analyst.....	1 5,390	1 5,390	
Marketing specialist.....	1 6,020	1 6,020	0.9 4,667
Grade 11. Range \$4,300 to \$5,180:			
Budget analyst.....	1 4,300	1 4,300	
Chief of section.....	1 4,520	1 4,520	1.5 5,954
Marketing specialist.....	1 4,520	1 4,418	1 3,800
Organization and management analyst.....	1 4,520	1 4,393	1 3,800
Grade 9. Range \$3,640 to \$4,300:			
Accountant.....	1 3,750	1 3,682	
Administrative assistant.....	1 3,860	1 3,825	
Marketing specialist.....	2.3 8,438	2.3 8,401	1.2 3,791
Grade 7. Range \$2,980 to \$3,640:			
Marketing specialist.....	1 3,200	1 3,170	3.3 8,901
Grade 6. Range \$2,650 to \$3,310:			
Marketing specialist.....	1 3,200	1 3,200	
Grade 5. Range \$2,320 to \$2,980:			
Marketing specialist.....	3.7 9,367	3.7 9,200	2 4,287
Grade 4. Range \$2,100 to \$2,496:			
Marketing specialist.....	9.8 21,619	9.8 21,305	9.9 18,236
Grade 3. Range \$1,902 to \$2,298:			
Marketing specialist.....	6.5 12,891	6.5 12,891	6.3 10,314
Grade 2. Range \$1,704 to \$2,100:			
Marketing specialist.....	1 1,704	1 1,704	0.4 674
Subprofessional service:			
Grade 4. Range \$1,902 to \$2,298:			
Marketing specialist.....	1 1,968	1 1,935	
Grade 3. Range \$1,704 to \$2,100:			
Marketing specialist.....	1 1,704	1 1,704	
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902:			
Marketing specialist.....	1 480	1 480	0.3 337
Unclassified.....			1 640
Total permanent, departmental.....	45.8 158,066	45.8 156,719	37.6 111,168
Temporary employment, departmental.....			0.2 370
Part-time employment, departmental.....	0.5 864	0.5 864	0.3 475
Overtime pay, departmental.....		3,000	18,303
All personal services, departmental.....	46.3 158,930	46.3 160,583	38.1 130,318
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 13. Range \$6,230 to \$7,070:			
Marketing specialist.....			0.1 458
Grade 12. Range \$5,180 to \$6,020:			
Marketing specialist.....	2.5 13,905	2.5 13,544	1.8 8,657
Grade 11. Range \$4,300 to \$5,180:			
Marketing specialist.....	6 29,628	6 29,513	7.1 29,229
Specialist in cotton classing.....			0.2 667
Grade 9. Range \$3,640 to \$4,300:			
Grader.....	2 5,382	2 5,306	
Marketing specialist.....	28.5 102,193	28.5 101,451	25.8 79,190
Regional supervisor.....	1 4,300	1 4,300	
Specialist in cotton classing.....			0.9 2,914
Grade 7. Range \$2,980 to \$3,640:			
Marketing specialist.....	60.7 194,218	60.7 192,500	53.6 145,310
Grade 5. Range \$2,320 to \$2,980:			
Marketing specialist.....	1 2,540	1 2,445	1 2,030
Grade 4. Range \$2,100 to \$2,496:			
Marketing specialist.....	10 21,726	10 21,663	10.4 18,830
Grade 3. Range \$1,902 to \$2,298:			
Marketing specialist.....	19 38,778	19 38,527	17 29,317
Grade 2. Range \$1,704 to \$2,100:			
Marketing specialist.....	10 17,964	10 17,875	10.7 18,883
Professional service:			
Grade 4. Range \$4,300 to \$5,180:			
Cottonseed technician.....	1 5,180	1 5,121	1.8 7,308
Grade 2. Range \$2,980 to \$3,640:			
Marketing specialist.....	1 3,310	1 3,204	1.8 4,872
Unclassified.....	23.5 12,476	23.5 12,476	15.3 8,500
Total permanent, field.....	166.2 451,600	166.2 447,925	147.5 353,245
Temporary employment, field.....	2.2 3,851	2.7 4,468	1.2 2,170
Part-time employment, field.....	1 1,704	1 1,704	1.6 2,205
W. A. E. employment, field.....	0.4 1,060	0.4 1,060	0.5 1,229
Overtime pay, field.....		10,960	72,055
Night-work differential, field.....	300	300	
All personal services, field.....	169.8 458,515	170.3 466,412	150.8 430,904
01 Personal services (net).....	216.1 617,445	216.6 626,995	188.9 561,222
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	69,300	68,300	73,960
03 Transportation of things.....	5,990	5,990	6,670
04 Communication services.....	16,950	16,965	13,326
05 Rents and utility services.....	8,100	8,100	8,638
07 Other contractual services.....	10,900	12,900	12,752
08 Supplies and materials.....	16,215	16,200	12,946



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS—continued</b>			
09 Equipment.....	\$8,300	\$7,300	\$4,270
Total other obligations.....	135,755	135,755	132,562
Grand total obligations.....	753,200	762,750	693,784
Reimbursements for services performed.....	-217,200	-220,750	-180,000
Net total obligations.....	536,000	542,000	513,784
Covered into Treasury as miscellaneous receipts, Public Law 529.....			+547
Excess of obligations over appropriation due to Public Law 106.....		-68,000	
Estimated savings, unobligated balance.....			33,348
Total estimate or appropriation.....	536,000	474,000	547,679
<b>By PROJECTS OR FUNCTIONS</b>			
1. Inspection and certification of fresh and processed fruits and vegetables.....	\$374,695	\$371,835	\$311,634
2. Grading and certification of dairy and poultry products.....	67,430	66,715	60,223
3. Inspection and certification of rice, hay, beans, peas, seed, and hops.....	32,610	32,370	27,021
4. Grading and certification of meats.....	27,385	27,040	21,555
5. Inspection of cottonseed.....	33,880	33,630	26,391
6. Services performed for other agencies.....	217,200	217,200	156,600
7. Overtime pay.....		13,960	90,360
Grand total obligations.....	753,200	762,750	693,784
Adjustments (see objects schedule for detail).....	-217,200	-288,750	-146,105
Total estimate or appropriation.....	536,000	474,000	547,679

**Quartermaster Service, Army (Transfer to Agriculture) (Production and Marketing Administration)—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Inspection of hay and supervision of Army hay inspectors</i>			
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:	Man-years	Total salary	Man-years
Grade 13. Range \$6,230 to \$7,070:			Total salary
Marketing specialist.....			0.2 \$1,022
Grade 12. Range \$5,180 to \$6,020:			
Chief of section.....	0.3 \$1,658	0.3 \$1,658	0.4 1,469
Grade 9. Range \$3,640 to \$4,300:			
Marketing specialist.....	0.5 1,875	0.5 1,875	0.3 876
Grade 5. Range \$2,320 to \$2,980.....			0.2 502
Grade 3. Range \$1,902 to \$2,298.....	0.2 530	0.2 530	0.3 612
Subprofessional service:			
Grade 3. Range \$1,704 to \$2,100.....	0.6 1,161	0.6 1,161	0.3 460
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902.....	0.5 819	0.5 819	
Total permanent, departmental.....	2.1 6,043	2.1 6,043	1.7 4,941
Overtime pay, departmental.....			829
01 Personal services (net).....	2.1 6,043	2.1 6,043	1.7 5,770
<b>OTHER OBLIGATIONS</b>			
08 Supplies and materials.....	110	110	
Grand total obligations.....	6,153	6,153	5,770
Received by transfer from "Quartermaster service, Army".....	-6,153	-6,153	-6,000
Estimated savings, unobligated balance.....			230
Total estimate or appropriation.....			

Marketing farm products: For acquiring and diffusing among the people of the United States useful information relative to the needed supplies, standardization, classification, grading, preparation for market, handling, transportation, storage, and marketing of farm and food products, including the demonstration and promotion of the use of uniform standards of classification of American farm and food products throughout the world, [and] for making analyses of cotton fiber as provided by the Act of April 7, 1941 (7 U. S. C. 473d), [\$388,000] and for expenses necessary to enable the Secretary to perform functions vested in him by Executive Orders 9280, 9310, 9322, 9328, 9334, and 9577, including not to exceed \$10,000 for employment pursuant to the second sentence of section 706 (a), and not to exceed \$20,000 for transportation, per diem, and other necessary expenses pursuant to section 706 (b) of the Department of Agriculture Organic Act of 1944 (5 U. S. C. 541b, 574); printing

and binding; the purchase of books of reference, periodicals, and not to exceed \$150 for newspapers; and operation and maintenance of one passenger automobile in the District of Columbia; \$1,901,500: Provided, That the Secretary may make available to any bureau, office, or agency of the Department such amounts from this appropriation as may be necessary to carry out the functions for which this appropriation is made, and any such amounts shall be in addition to amounts transferred or otherwise made available to appropriation items in this Act: Provided further, That none of the funds herein appropriated shall be used for the promulgation or execution of orders under which assessments are made against producers or handlers of agricultural products, excepting walnuts, for administration of such orders. (7 U. S. C. 415a, 415e, 423, 581-589; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,901,500

Appropriated 1946, \$388,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:	Man-years	Total salary	Man-years
Grade 14. Range \$7,175 to \$8,225:			Total salary
Accountant.....	0.5 \$3,719		
Chief of division.....	2.3 16,393	1.3 \$9,012	0.3 \$1,649
Investigator.....	0.5 3,850		
Marketing specialist.....	2 15,138		
Grade 13. Range \$6,230 to \$7,070:			
Administrative officer.....	1.5 9,554		
Chief of section.....	1 6,440	1 6,384	1 5,600
Field supervisor.....	1 6,230		
Food industry specialist.....	1.8 11,652		
Investigator.....	0.2 1,250		
Marketing specialist.....	8 52,360	1 6,860	1.5 9,050
Grade 12. Range \$5,180 to \$6,020:			
Accountant.....	0.6 3,763		
Administrative officer.....	2 10,780		
Chief of section.....	1 5,810	1 5,810	
Food industry specialist.....	0.5 2,695		
Investigator.....	0.5 2,590		
Labor specialist.....	1 5,390		
Marketing specialist.....	8 42,280	4 21,560	3.2 14,812
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer.....	1.8 8,433		
Food industry specialist.....	0.8 3,651		
Investigator.....	0.5 2,860		
Marketing specialist.....	9 42,880	4 19,663	4.1 17,580
Grade 9. Range \$3,640 to \$4,300:			
Fiscal accountant.....	4 15,220	2 7,478	1.5 5,120
Food industry specialist.....	1 3,750		
Marketing specialist.....	2 7,610		
Grade 8. Range \$3,310 to \$3,970:			
Marketing specialist.....	4.3 16,279	2.3 8,898	4.2 13,978
Grade 7. Range \$2,980 to \$3,640:			
Marketing specialist.....	1 2,760		
Grade 6. Range \$2,650 to \$3,310:			
Marketing specialist.....	22.5 57,975	4.5 11,497	6 12,872
Grade 4. Range \$2,100 to \$2,496:			
Marketing specialist.....	39.9 87,976	7 15,011	7 12,603
Grade 3. Range \$1,902 to \$2,298:			
Marketing specialist.....	26.3 52,689	7.3 14,703	6.9 11,340
Grade 2. Range \$1,704 to \$2,100:			
Marketing specialist.....	6.2 10,822	2.2 3,785	
<b>Professional service:</b>			
Grade 7. Range \$7,175 to \$8,225:			
Agricultural economist.....	4.8 34,528		
Economist.....	1 7,700		
Nutritionist.....	1 7,437		
Grade 6. Range \$6,230 to \$7,070:			
Agricultural economist.....	12.4 78,960		
Chief of division.....	1 6,440	1 6,440	1 5,786
Chief of section.....	1 6,860	1 6,804	1 6,000
Cotton technologist.....	1 6,230		
Food technician.....	1 6,230		
Information specialist.....	2 12,670	1 6,230	
Nutritionist.....	1 6,440		
Price analyst.....	1 6,230		
Grade 5. Range \$5,180 to \$6,020:			
Agricultural economist.....	7.5 40,005		
Cotton technologist.....	2 10,360	2 10,360	1.9 9,178
Economist.....	1 5,180		
Information specialist.....	1 5,180		
Nutritionist.....	0.5 2,695		
Grade 4. Range \$4,300 to \$5,180:			
Agricultural economist.....	4.5 20,120		
Agricultural statistician.....	2 8,600		
Color technician.....	1 4,520	1 4,520	
Cotton technologist.....	0.5 2,370	0.5 2,370	0.7 3,011
Grain technologist.....			0.3 1,246
Nutritionist.....	1 4,520		
Grade 3. Range \$3,640 to \$4,300:			
Agricultural economist.....	8 30,440	1 4,050	1 3,492
Agricultural statistician.....	4 14,560		
Cotton technologist.....	1 4,190	1 4,160	1 3,684
Information specialist.....	2 7,610	1 3,775	1 3,225
Nutritionist.....	1 3,750		
Statistician.....	1 3,640		
Grade 2. Range \$2,980 to \$3,640:			
Cotton technologist.....	14 43,480	1 3,085	
Grade 1. Range \$2,320 to \$2,980:			
Cotton technologist.....	5 12,260	1 2,338	1 2,000
<b>Subprofessional service:</b>			
Grade 7. Range \$2,650 to \$3,310:			
Marketing specialist.....	1 2,980	1 2,950	1.3 3,268
Grade 6. Range \$2,320 to \$2,980:			
Marketing specialist.....	1 2,540	1 2,455	1.3 2,736
Grade 5. Range \$2,100 to \$2,496:			
Marketing specialist.....	1 2,166	1 2,138	1.3 2,353
Grade 4. Range \$1,902 to \$2,298:			
Marketing specialist.....	4 8,268	4 8,268	3.9 6,903
Grade 3. Range \$1,704 to \$2,100:			
Marketing specialist.....	0.4 678	0.4 678	0.3 418
<b>Crafts, protective, and custodial service:</b>			
Grade 3. Range \$1,572 to \$1,902.....	11.3 18,574	3.5 5,734	1.7 2,408



# **PRODUCTION AND MARKETING ADMINISTRATION—** Continued

## **MARKETING [SERVICE] SERVICES—Continued**

### **Salaries and Expenses, Marketing Services—Continued**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL—con.</b>						
Department of Agriculture grades:						
Grade 28. Range \$9,800 to \$10,000:						
Assistant administrator	0.8	\$8,077				
Associate director, fruit and vegetable branch	1	9,800				
Director, compliance and investigation branch	0.2	1,960				
Director, livestock branch	0.4	3,920				
Director of price	1	9,800				
Director of requirements and allocations	1	10,000				
Director of transportation	1	9,800				
Grade 26. Range \$8,750 to \$9,800:						
Assistant director, grain branch	0.2	1,846				
Assistant director, livestock branch	0.2	1,855				
Assistant director, special commodities branch	1	9,013				
Deputy assistant administrator	0.4	3,703				
Director, dairy branch	0.5	4,506				
Director, fats and oils branch	1	9,013				
Director, fruit and vegetable branch	0.5	4,506				
Director, tobacco branch	0.2	1,683				
Total permanent, departmental	277.1	1,082,242	60.2	\$207,016	54.4	\$160,310
Temporary employment, departmental	0.2	420	0.2	420	0.8	1,599
W. O. C. employment, departmental	9	0				
Overtime pay, departmental				4,150		28,515
All personal services, departmental	286.2	1,082,662	60.2	211,586	55.2	190,424
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer	2	12,460				
Chief of division	1	6,440	1	6,440	1	5,600
Marketing specialist	1	6,230				
Grade 12. Range \$5,180 to \$6,020:						
Accountant	0.5	2,695				
Administrative officer	3.7	19,980				
Information specialist	1	5,180				
Investigator	0.2	1,295				
Marketing specialist	2.3	12,617	0.3	1,417	1.2	5,567
Personnel officer	0.7	3,619				
Grade 11. Range \$4,300 to \$5,180:						
Accountant	1.5	6,780				
Administrative officer	2	8,600				
Investigator	3	13,560				
Marketing specialist	4.5	20,670	2	9,472	2	8,150
Grade 9. Range \$3,640 to \$4,300:						
Accountant	3	11,470				
Administrative assistant	2	7,280				
Investigator	5	19,300				
Marketing specialist	3.2	14,175	1	4,300	1	3,800
Grade 7. Range \$2,980 to \$3,640:						
Accountant	8.5	26,925	0.5	1,545	0.5	1,188
Grade 5. Range \$2,320 to \$2,980:						
Accountant	7	17,230	2	4,860	2	4,100
Grade 4. Range \$2,100 to \$2,496:						
Accountant	13	29,478	6.5	14,339	6.3	11,902
Grade 3. Range \$1,902 to \$2,298:						
Accountant	18	36,018	8	16,173	9.4	15,695
Grade 2. Range \$1,704 to \$2,100:						
Accountant	8.7	15,716	4.7	8,347	3.1	4,679
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Chief of section	2	10,360	2	10,360		
Cotton technologist	3	15,960	1	5,600		
Economist	2	10,360				
Grade 4. Range \$4,300 to \$5,180:						
Chief of section	1	4,520	1	4,520	1	3,800
Cotton technologist	5.1	22,366	2.6	11,450	2.9	11,262
Chemist	0.8	3,603	0.8	3,603	0.7	2,527
Economist	1	4,300				
Grain technologist					2	7,600
Grade 3. Range \$3,640 to \$4,300:						
Chemist					0.6	1,796
Cotton technologist	6.2	23,345	3.2	12,252	3.3	11,000
Grain technologist	3.5	13,170	3	11,157	2.8	9,647
Grade 2. Range \$2,980 to \$3,640:						
Chemist	8	25,050	5	15,974	4.9	13,579
Grade 1. Range \$2,320 to \$2,980:						
Chemist	8	19,220	5	12,035	4.4	8,875
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640:						
Chemist	0.5	1,655	0.5	1,655		
Grade 5. Range \$2,100 to \$2,496:						
Chemist	2	4,266	1	2,166	6.8	12,375
Grade 4. Range \$1,902 to \$2,298:						
Chemist	10	19,812	8	15,972	7.2	11,954
Grade 3. Range \$1,704 to \$2,100:						
Chemist	4.4	8,436	4.4	8,222	2	3,007
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
Chemist	2	3,144			1	1,369
Grade 2. Range \$1,440 to \$1,770:						
Chemist	4	6,090	3	4,452	2.4	2,887
Total permanent, field	155.3	493,375	66.5	186,361	68.5	162,359
Temporary employment, field	2.2	3,860		885	1.1	1,859
W. A. E. employment, field	0.8	1,538	0.8	1,538		
W. O. C. employment, field	10	0				
Overtime pay, field				4,000		30,174
All personal services, field	168.3	498,773	67.8	192,784	69.6	194,422
01 Personal services (net)	454.5	1,581,435	128	404,370	124.8	384,846

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel	\$152,730	\$17,800	\$14,536
03 Transportation of things	5,750	2,715	3,847
04 Communication services	29,500	3,500	3,548
05 Rents and utility services	21,200	6,200	5,814
06 Printing and binding	6,300		
07 Other contractual services	48,100	3,100	3,047
08 Supplies and materials	28,450	7,815	8,526
09 Equipment	30,100	2,600	7,293
Total other obligations	322,130	43,730	46,611
Grand total obligations	1,903,565	448,100	431,457
Reimbursements for services performed	-2,065	-2,100	-1,224
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"			+116
Net total obligations	1,901,500	446,000	430,349
Covered into Treasury as miscellaneous receipts, Public Law 529			+105
Excess of obligations over appropriation due to Public Law 106		-58,000	
Estimated savings, unobligated balance			21,046
Total estimate or appropriation	1,901,500	388,000	451,500
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Standardization and marketing research on fresh and processed fruits and vegetables	\$55,025	\$54,685	\$47,731
2. Standardization and marketing research on livestock, meats, and wool	63,250	62,730	48,160
3. Standardization and marketing research on dairy and poultry products	98,370	24,545	21,612
4. Standardization and marketing research on grain, rice, beans, peas, hay, seed, and hops	104,810	95,730	81,440
5. Standardization and marketing research on cotton and cottonseed	355,330	200,195	172,767
6. Food production and marketing activities, including food order administration; determination of requirements and allocations, assistance in establishment, and adjustment of goals and price ceilings; services relating to materials, facilities, storage, and transportation	1,224,715		
7. Services performed for other agencies	2,065	2,065	1,058
8. Overtime pay		8,150	58,689
Grand total obligations	1,903,565	448,100	431,457
Adjustments (see objects schedule for detail)	-2,065	-60,100	+20,043
Total estimate or appropriation	1,901,500	388,000	451,500

### **Special Research Fund, Department of Agriculture (Production and Marketing Administration)—**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Special researches in marketing farm products</i>						
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 4. Range \$4,300 to \$5,180:	0.5	\$2,370	0.5	\$2,370	0.5	\$1,771
Cotton technologist.....				73		289
Overtime pay, departmental.....						
All personal services, departmental.....	0.5	2,370	0.5	2,443	0.5	2,060
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service:						
Grade 3. Range \$1,902 to \$2,298.....	0.5	984	0.5	984	0.1	135
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Chemist.....	0.2	744	0.2	744	0.1	547
Grade 3. Range \$3,640 to \$4,300:						
Cotton technologist.....	0.7	2,812	0.7	2,812		
Subprofessional service:						
Grade 8. Range \$2,980 to \$3,640.....	0.5	1,710	0.5	1,706	0.6	1,624
Grade 7. Range \$2,650 to \$3,310.....	1	2,760	1	2,760	0.4	958
Grade 4. Range \$1,902 to \$2,298.....	1	1,968	1	1,950	0.3	540
Grade 3. Range \$1,704 to \$2,100.....					0.2	360
Total permanent, field.....	3.9	10,978	3.9	10,956	1.7	4,164
Temporary employment, field.....					0.9	565
W. A. E. employment, field.....					1.7	1,114
Overtime pay, field.....				336		1,251
All personal services, field.....	3.9	10,978	3.9	11,292	4.3	7,094
01 Personal services (net).....	4.4	13,348	4.4	13,735	4.8	9,154



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel	\$1,000	\$1,000	\$956
03 Transportation of things	475	475	556
06 Printing and binding			2,200
08 Supplies and materials	2,016	2,016	2,057
09 Equipment	540	543	253
Total other obligations	4,031	4,034	6,022
Grand total obligations	17,379	17,769	15,176
Allotted from "Special research fund, Department of Agriculture"	-17,379	-17,769	-15,685
Estimated savings, unobligated balance			509
Total estimate or appropriation			

Tobacco Acts: To enable the Secretary to carry into effect the provisions of "An Act to establish and promote the use of standards of classification for tobacco, to provide and maintain an official tobacco-inspection service, and for other purposes", approved August 23, 1935 (7 U. S. C. 511-511q), "An Act to provide for the collection and publication of statistics of tobacco by the Department of Agriculture", approved January 14, 1929 (7 U. S. C. 501-508), as amended, and "An Act to prohibit the exportation of tobacco seed and plants, except for experimental purposes", approved June 5, 1940 (7 U. S. C. 516), **[\$1,000,000] \$1,119,000.** (Act of May 5, 1945, Public Law 52.)

Estimate 1947, **\$1,119,000**

Appropriated 1946, **\$1,000,000**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:	Man- Total	Man- Total	Man- Total
Grade 14. Range \$7,175 to \$8,225:	years salary	years salary	years salary
Marketing specialist	2 \$14,612	2 \$14,612	0.8 \$5,068
Grade 13. Range \$6,230 to \$7,070:			
Administrative officer			0.4 1,940
Marketing specialist	1 6,230	1 6,230	0.8 4,470
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer			0.9 4,383
Marketing specialist	1 5,390	1 5,390	0.8 3,690
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer	2 8,600	2 8,600	1.4 5,267
Investigator			0.4 1,646
Marketing specialist	1 4,520	1 4,410	
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant			0.4 1,282
Marketing specialist	1 3,750	1 3,712	0.8 2,495
Personnel technician	1 3,860	1 3,801	1.1 3,932
Position classifier	1 3,860	1 3,775	1.1 3,717
Grade 7. Range \$2,980 to \$3,640:	3 9,490	3 9,330	1.7 4,790
Grade 6. Range \$2,650 to \$3,310:			0.3 598
Grade 5. Range \$2,320 to \$2,980:	6 15,020	6 14,932	5.1 10,858
Grade 4. Range \$2,100 to \$2,496:	10 21,726	10 21,454	4.3 8,076
Grade 3. Range \$1,902 to \$2,298:	3 6,168	3 6,132	7.3 12,309
Grade 2. Range \$1,704 to \$2,100:	1.9 3,442	1.9 3,442	
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Economist	1 5,390	1 5,245	
Safety engineer			0.3 1,195
Grade 2. Range \$2,980 to \$3,640:	2 6,290	2 6,290	0.8 2,027
Grade 1. Range \$2,320 to \$2,980:	1 2,540	1 2,540	
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902:	1 1,704	1 1,704	
Grade 2. Range \$1,440 to \$1,770:			0.3 343
Department of Agriculture grades:			
Grade 26. Range \$8,750 to \$9,800:			
Director, tobacco branch	0.6 5,597	0.6 5,597	
Total permanent, departmental	39.5 128,189	39.5 127,136	29 78,086
Temporary employment, departmental			0.3 521
Overtime pay, departmental		2,900	14,368
All personal services, departmental	39.5 128,189	39.5 130,036	29.3 92,975
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 13. Range \$6,230 to \$7,070:			
Tobacco inspector	3 18,690	3 18,690	
Grade 12. Range \$5,180 to \$6,020:			
Area personnel officer	1 5,180	1 5,180	
Marketing specialist	1 5,390	1 5,390	1 4,600
Tobacco inspector	6 31,290	6 31,290	3 14,400
Grade 11. Range \$4,300 to \$5,180:			
Chief of section	2 8,600	1 4,300	
Marketing specialist	2 8,600	2 8,600	8.1 31,432
Tobacco inspector	11 50,160	11 49,865	10.9 42,151
Training officer	0.4 1,572	0.4 1,572	
Grade 10. Range \$3,970 to \$4,630:			
Tobacco inspector	15.4 63,965	15.4 63,563	15.3 54,374
Grade 9. Range \$3,640 to \$4,300:			
Marketing specialist	1 3,750	1 3,750	5.3 17,100
Tobacco inspector	81.5 308,710	72.4 272,863	55.1 175,739

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Clerical, administrative, and fiscal service—Continued	Man- Total	Man- Total	Man- Total
Grade 7. Range \$2,980 to \$3,640:	years salary	years salary	years salary
Grade 5. Range \$2,320 to \$2,980:	24.3 \$34,786	24.3 \$33,444	17.1 \$49,240
Grade 4. Range \$2,100 to \$2,496:	24.1 56,420	20.4 47,526	17.9 35,350
Grade 3. Range \$1,902 to \$2,298:	8 17,724	8 17,449	10 18,490
Grade 2. Range \$1,704 to \$2,100:	14 26,760	13.5 25,347	18 29,520
Unclassified	6 10,950	6 10,826	7.9 11,880
	30 117,539	26 101,883	16.6 65,320
Total permanent, field	230.7 820,086	212.4 751,539	186.2 552,586
Temporary employment, field	28.7 54,000	28.7 54,000	15.3 24,506
W. A. E. employment, field			1.6 3,200
Overtime pay, field		15,500	102,931
All personal services, field	259.4 874,086	241.1 821,039	203.1 683,223
01 Personal services (net)	298.9 1,002,275	280.6 951,075	232.4 776,198
<b>OTHER OBLIGATIONS</b>			
02 Travel	85,500	85,500	85,546
03 Transportation of things	400	400	670
04 Communication services	9,400	9,400	7,836
05 Rents and utility services	12,000	12,000	10,991
07 Other contractual services	1,400	1,400	1,085
08 Supplies and materials	8,185	9,835	9,334
09 Equipment	4,500	2,850	1,243
Total other obligations	121,385	121,385	116,705
Grand total obligations	1,123,660	1,072,460	892,903
Reimbursements for services performed	-4,660	-4,960	-743
Net total obligations	1,119,000	1,067,500	892,160
Covered into Treasury as miscellaneous receipts, Public Law 529			+522
Excess of obligations over appropriation due to Public Law 106		-67,500	
Estimated savings, unobligated balance			40,818
Total estimate or appropriation	1,119,000	1,000,000	933,500

Perishable Agricultural Commodities, Produce Agency, and Standard Container Acts: To enable the Secretary to carry into effect the provisions of the Perishable Agricultural Commodities Act, approved June 10, 1930, as amended (7 U. S. C. 499a-499r), and the Act to prevent the destruction or dumping of farm produce, and for other purposes, approved March 3, 1927 (7 U. S. C. 491-497), the Standard Baskets Act, approved August 31, 1916, as amended (15 U. S. C. 251-256), and the Act to fix standards for hampers, round stave baskets, and splint baskets for fruits and vegetables, and for other purposes, approved May 21, 1928 (15 U. S. C. 257-257i), **[\$181,600] \$214,800.** (Act of May 5, 1945, Public Law 52.)

Estimate 1947, **\$214,800**

Appropriated 1946, **\$181,600**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:	Man- Total	Man- Total	Man- Total
Grade 13. Range \$6,230 to \$7,070:	years salary	years salary	years salary
Marketing specialist	1 \$6,440	1 \$6,408	1.2 \$6,954
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer			0.2 1,032
Grade 11. Range \$4,300 to \$5,180:			
Budget analyst	0.9 3,939	0.9 3,939	
Marketing specialist	6 29,760	6 29,473	5.5 23,711
Grade 9. Range \$3,640 to \$4,300:			
Marketing specialist	1 3,750	1 3,750	1.2 3,971
Grade 7. Range \$2,980 to \$3,640:	6 18,870	6 18,747	4.5 12,314
Grade 5. Range \$2,320 to \$2,980:	1 2,430	1 2,392	1.5 2,939
Grade 4. Range \$2,100 to \$2,496:	8 17,658	8 17,495	7.4 13,594
Grade 3. Range \$1,902 to \$2,298:	12 24,540	12 24,407	12.7 21,718
Grade 2. Range \$1,704 to \$2,100:	1 1,704	1 1,704	0.7 1,050
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902:			1.1 1,508
Grade 2. Range \$1,440 to \$1,770:	1 1,506	1 1,445	0.3 323
Total permanent, departmental	37.9 110,597	37.9 109,760	36.3 89,114
Temporary employment, departmental			0.3 513
Overtime pay, departmental		2,600	16,818
All personal services, departmental	37.9 110,597	37.9 112,360	36.6 106,445
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 12. Range \$5,180 to \$6,020:			
Marketing specialist	3 16,380	3 16,122	3 13,900
Grade 11. Range \$4,300 to \$5,180:			
Marketing specialist	1.8 8,772	1.8 8,603	1.7 7,000



# PRODUCTION AND MARKETING ADMINISTRATION— Continued

## MARKETING [SERVICE] SERVICES—Continued

### Salaries and Expenses, Marketing Services—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Clerical, administrative, and fiscal service—Continued	Man- years	Total salary	Man- years
Grade 9. Range \$3,640 to \$4,300:			
Marketing specialist	5.9	\$22,130	4
Grade 7. Range \$2,980 to \$3,640			
Grade 4. Range \$2,100 to \$2,496	3	6,498	3
Grade 3. Range \$1,902 to \$2,298	2.8	5,392	2.8
Grade 2. Range \$1,704 to \$2,100	1	1,704	1
Total permanent, field	17.5	60,876	15.6
Temporary employment, field	0.3	697	0.3
Overtime pay, field			1,100
All personal services, field	17.8	61,573	15.9
01 Personal services (net)	55.7	172,170	53.8
<b>OTHER OBLIGATIONS</b>			
02 Travel		16,100	13,189
03 Transportation of things		880	976
04 Communication services		10,900	11,602
05 Rents and utility services		2,900	2,979
07 Other contractual services		2,300	2,165
08 Supplies and materials		4,300	2,945
09 Equipment		5,250	53
Total other obligations		42,630	38,880
Grand total obligations		214,800	206,100
Covered into Treasury as miscellaneous receipts, Public Law 529			+232
Excess of obligations over appropriation due to Public Law 106			-24,500
Estimated savings, unobligated balance			15,501
Total estimate or appropriation		214,800	181,600
			210,000

Cotton Statistics, Classing, Standards, and Futures Acts: To enable the Secretary to carry into effect the provisions of the Act authorizing him to collect and publish statistics of the grade and staple length of cotton, approved March 3, 1927, as amended by the Act of April 13, 1937 (7 U. S. C. 471-476), and to perform the duties imposed upon him by chapter 14 of the Internal Revenue Code relating to cotton futures (26 U. S. C. 1920-1935), and to carry into effect the provisions of the United States Cotton Standards Act, approved March 4, 1923, as amended (7 U. S. C. 51-65), **[\$1,042,000] \$1,274,000.** (31 U. S. C. 725d; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,274,000

Appropriated 1946, \$1,042,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:	Man- years	Total salary	Man- years
Grade 14. Range \$7,175 to \$8,225:			
Chief of division	1	\$7,438	1
Grade 13. Range \$6,230 to \$7,070:			
Administrative officer	1	6,230	1
Chief of section	1	6,440	0.4
Specialist in cotton classing			0.9
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer	1	5,180	1
Cotton specialist	2	12,040	2
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer	2	9,040	2
Marketing specialist	1	4,960	1
Grade 10. Range \$3,970 to \$4,630:			
Administrative officer	2	8,160	2
Grade 9. Range \$3,640 to \$4,300:			
Administrative officer			0.6
Communication and travel assistant			0.3
Cotton specialist	3	11,800	3
Marketing specialist	1	3,750	1
Grade 8. Range \$3,310 to \$3,970			0.5
Grade 7. Range \$2,980 to \$3,640	2	6,510	2
Grade 6. Range \$2,650 to \$3,310	1	2,980	1
Grade 5. Range \$2,320 to \$2,980	1	2,430	1
Grade 4. Range \$2,100 to \$2,496	3.9	8,370	3
Grade 3. Range \$1,902 to \$2,298	5.8	11,082	5
Grade 2. Range \$1,704 to \$2,100	3	5,112	3
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			2.2
Chief of division	1	6,650	1
			5,800

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>			
Professional service—Continued	Man- years	Total salary	Man- years
Grade 5. Range \$5,180 to \$6,020:			
Chief of section	1	\$5,390	1
Grade 2. Range \$2,980 to \$3,640	1	3,090	1
Grade 1. Range \$2,320 to \$2,980	1	2,430	0.9
Subprofessional service:			
Grade 7. Range \$2,650 to \$3,310	7	21,190	7
Grade 5. Range \$2,100 to \$2,496	1	2,100	1
Grade 4. Range \$1,902 to \$2,298	1	1,902	0.5
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902	3	5,640	3
Grade 2. Range \$1,440 to \$1,770	3	4,914	3
Total permanent, departmental	50.7	164,828	49
Temporary employment, departmental			58.1
Part-time employment, departmental			0.4
Overtime pay, departmental			455
			0.1
			28,446
All personal services, departmental	50.7	164,828	49
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 13. Range \$6,230 to \$7,070:			
Area manager	4	25,760	4
Chief of section	1	6,440	1
Grade 12. Range \$5,180 to \$6,020:			
Cotton classing specialist	33	187,950	32
Marketing specialist	1	5,390	1
Grade 11. Range \$4,300 to \$5,180:			
Area administrative officer	1	4,520	1
Cotton classing specialist	12	57,100	11
Grade 9. Range \$3,640 to \$4,300:			
Accountant	0.6	2,430	0.6
Assistant area administrative officer	14	55,250	14
Cotton classing specialist	1	4,300	1
Marketing specialist	8	25,380	8
Grade 7. Range \$2,980 to \$3,640	16	38,990	16
Grade 5. Range \$2,320 to \$2,980	26	56,448	25
Grade 4. Range \$2,100 to \$2,496	40.9	81,963	39.9
Grade 3. Range \$1,902 to \$2,298	26.8	47,078	25.8
Grade 2. Range \$1,704 to \$2,100			27.2
Professional service:			
Grade 7. Range \$7,175 to \$8,225:			
Agricultural economist			0.4
Grade 3. Range \$3,640 to \$4,300:			
Statistician	1	3,750	1
Grade 2. Range \$2,980 to \$3,640	29.8	89,559	14.8
Grade 1. Range \$2,320 to \$2,980	1.6	3,875	1.6
Subprofessional service:			
Grade 4. Range \$1,902 to \$2,298	2	4,596	2
Crafts, protective, and custodial service:			
Grade 4. Range \$1,770 to \$2,166	3.6	7,340	3.6
Grade 3. Range \$1,572 to \$1,902	14	22,602	13
Grade 2. Range \$1,440 to \$1,770	5	7,527	5
Unclassified	3	960	3
Total permanent, field	245.3	739,208	224.3
Temporary employment, field	34.5	86,101	29.5
Overtime pay, field			20,000
All personal services, field	279.8	825,309	253.8
01 Personal services (net)	330.5	990,137	302.8
<b>OTHER OBLIGATIONS</b>			
02 Travel		71,200	55,900
03 Transportation of things		50,353	50,400
04 Communication services		24,500	23,300
05 Rents and utility services		56,700	53,700
07 Other contractual services		9,020	9,020
08 Supplies and materials		58,340	55,200
09 Equipment		13,750	4,600
Total other obligations		283,863	252,120
Grand total obligations		1,274,000	1,186,787
Reimbursements for services performed			-2,629
Net total obligations		1,274,000	1,184,158
Covered into Treasury as miscellaneous receipts, Public Law 529			+866
Excess of obligations over appropriation due to Public Law 106			-138,000
Estimated savings, unobligated balance			25,759
Total estimate or appropriation		1,274,000	1,042,000
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Grade and staple estimates of the carry-over and the crop	\$247,940	\$246,420	\$220,036
2. Classification and information for groups organized for quality improvement	454,875	342,450	314,336
3. Administration of the cotton standards and cotton futures acts	571,185	567,630	513,416
4. Services performed for other agencies			2,327
5. Overtime pay		23,500	136,672
Grand total obligations	1,274,000	1,180,000	1,186,787
Adjustments (see objects schedule for detail)		-138,000	+23,996
Total estimate or appropriation	1,274,000	1,042,000	1,210,783



United States Grain Standards Act: To enable the Secretary to carry into effect the provisions of the United States Grain Standards Act, **[\$741,000]** \$940,000. (7 U. S. C. 71-87; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$940,000

Appropriated 1946, \$741,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Marketing specialist.....	1	\$7,437	1	\$7,437		
Grade 13. Range \$6,230 to \$7,070:						
Chief of division.....	0.5	3,325	0.5	3,325	0.7	\$4,200
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer.....	1	5,390	1	5,390	1.9	9,331
Grade 11. Range \$4,300 to \$5,180:						
Chief of section.....	2	8,600				
Marketing specialist.....	0.3	1,136	0.3	1,136	0.7	2,617
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	1	3,640			4.1	13,307
Grade 7. Range \$2,980 to \$3,640:						
Marketing specialist.....	2	6,400	2	6,370	6.1	16,269
Grade 5. Range \$2,320 to \$2,980:						
Marketing specialist.....	4.5	10,825	1.5	3,796	2.3	4,977
Grade 4. Range \$2,100 to \$2,496:						
Marketing specialist.....	8.3	17,696	7.3	15,596	1.6	3,078
Grade 1. Range \$1,506 to \$1,902:						
Marketing specialist.....	1	1,902	1	1,899	0.7	1,074
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Economist.....					0.7	4,200
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770:					1	1,240
Department of Agriculture grades:						
Grade 26. Range \$8,750 to \$9,800:						
Assistant director, grain branch.....	0.4	3,700	0.4	3,700		
Total permanent, departmental.....	22	70,051	15	48,649	20.3	63,185
Overtime pay, departmental.....				1,200		11,284
All personal services, departmental.....	22	70,051	15	49,849	20.3	74,469
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Marketing specialist.....	0.9	5,834	0.9	5,834	1	6,200
Grade 12. Range \$5,180 to \$6,020:						
Fiscal officer.....	1	5,390	1	5,301		
Marketing specialist.....	13.2	75,950	13.2	75,608	14.5	72,979
Officer in charge.....	1	5,180				
Grade 11. Range \$4,300 to \$5,180:						
Fiscal accountant.....	1	4,300	1	4,300		
Marketing specialist.....	10.6	49,451	6.6	31,904	6.5	26,583
Grade 9. Range \$3,640 to \$4,300:						
Marketing specialist.....	25.6	106,278	25.9	107,049	26.2	93,225
Grade 7. Range \$2,980 to \$3,640:						
Marketing specialist.....	42	141,850	42	141,092	41.9	119,327
Grade 6. Range \$2,650 to \$3,310:						
Marketing specialist.....	12	38,620	12	38,322	10.9	29,245
Grade 5. Range \$2,320 to \$2,980:						
Marketing specialist.....	88	238,370	78	212,851	72.1	166,136
Grade 4. Range \$2,100 to \$2,496:						
Marketing specialist.....	11	25,740	10	23,389	8.5	17,186
Grade 3. Range \$1,902 to \$2,298:						
Marketing specialist.....	33	69,762	30	63,643	29.3	52,316
Grade 2. Range \$1,704 to \$2,100:						
Marketing specialist.....	7	12,522	4	7,322	5.3	8,387
Grade 1. Range \$1,506 to \$1,902:						
Marketing specialist.....	1	1,572	1	1,536	1	1,257
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770:					0.6	745
Total permanent, field.....	247.3	780,849	225.6	718,151	217.8	593,586
Temporary employment, field.....					0.1	230
W. A. E. employment, field.....					0.6	969
Overtime pay, field.....				30,100		115,924
All personal services, field.....	247.3	780,849	225.6	748,251	218.5	710,709
01 Personal services (net).....	269.3	850,900	240.6	798,100	238.8	785,178
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		8,700		7,200		7,199
03 Transportation of things.....		3,840		3,100		2,310
04 Communication services.....		10,900		10,900		12,120
05 Rents and utility services.....		20,000		20,000		20,499
07 Other contractual services.....		13,350		13,400		12,073
08 Supplies and materials.....		13,250		12,600		12,875
09 Equipment.....		19,000		2,700		3,365
Total other obligations.....		89,100		69,900		70,441
Grand total obligations.....		940,000		868,000		855,619
Reimbursements for services performed.....						-110
Net total obligations.....		940,000		868,000		855,509
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+544
Excess of obligations over appropriation due to Public Law 106.....				-127,000		
Estimated savings, unobligated balance.....						4,946
Total estimate or appropriation.....		940,000		741,000		860,999

United States Warehouse Act: To enable the Secretary to carry into effect the provisions of the United States Warehouse Act, **[\$507,000]** \$584,000. (7 U. S. C. 241-273; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$584,000

Appropriated 1946, \$507,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Chief of division.....	1	\$7,700	1	\$7,700	1	\$6,750
Grade 13. Range \$6,230 to \$7,070:						
Chief of section.....	1	6,230	1	6,230		
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer.....	1	5,390	1	5,390		
Marketing specialist.....	2	10,780	2	10,780	2	9,200
Grade 11. Range \$4,300 to \$5,180:						
Investigator.....	1	4,520	1	4,444		
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	1	3,860	1	3,830	1	3,300
Personnel technician.....	1	3,750	1	3,750		
Warehouse examiner.....	2	7,830	2	7,686	2	6,625
Grade 7. Range \$2,980 to \$3,640:						
Marketing specialist.....	2	6,290	2	6,175	2	5,313
Grade 5. Range \$2,320 to \$2,980:						
Marketing specialist.....	2	5,080	2	4,826	2.9	6,036
Grade 4. Range \$2,100 to \$2,496:						
Marketing specialist.....	1	2,232	1	2,214	1.2	2,238
Grade 3. Range \$1,902 to \$2,298:						
Marketing specialist.....	3	5,838	3	5,838	2.5	4,244
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
Marketing specialist.....	0.6	927	0.6	917	0.7	981
Total permanent, departmental.....	18.6	70,427	18.6	69,780	15.3	44,687
Temporary employment, departmental.....	0.4	528	0.4	528		
Overtime pay, departmental.....				1,350		7,694
All personal services, departmental.....	19	70,955	19	71,658	15.3	52,381
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Field supervisor.....	1	6,230	1	6,230		
Grade 12. Range \$5,180 to \$6,020:						
Field supervisor.....	5	27,160	5	26,998	3.5	16,708
Grade 11. Range \$4,300 to \$5,180:						
Field supervisor.....	2	9,920	2	9,802	5.7	22,008
Grade 9. Range \$3,640 to \$4,300:						
Warehouse examiner.....	11	43,450	11	43,101	11.4	38,363
Grade 7. Range \$2,980 to \$3,640:						
Marketing specialist.....	63	206,550	63	204,610	40.1	115,906
Grade 5. Range \$2,320 to \$2,980:						
Marketing specialist.....	5	12,370	5	12,252	15.2	30,779
Grade 4. Range \$2,100 to \$2,496:						
Marketing specialist.....	6.7	15,755	6.7	15,621	9.2	16,851
Grade 3. Range \$1,902 to \$2,298:						
Marketing specialist.....	3	6,366	3	6,300	7.9	12,867
Grade 2. Range \$1,704 to \$2,100:						
Marketing specialist.....	6	11,478	6	11,406	10.2	14,890
Unclassified.....	1	480	1	480	0.8	400
Total permanent, field.....	103.7	339,759	103.7	336,800	104	268,772
Temporary employment, field.....	0.5	1,381	0.6	1,817		
Overtime pay, field.....				8,070		53,435
All personal services, field.....	104.2	341,140	104.3	346,687	104	322,207
01 Personal services (net).....	123.2	412,095	123.3	418,345	119.3	374,588
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		125,400		125,400		124,695
03 Transportation of things.....		525		525		1,482
04 Communication services.....		2,550		2,550		5,045
05 Rents and utility services.....		7,800		7,800		8,684
07 Other contractual services.....		3,980		3,980		4,780
08 Supplies and materials.....		7,400		7,400		7,667
09 Equipment.....		24,250		1,000		1,545
Total other obligations.....		171,905		148,655		153,898
Grand total obligations.....		584,000		567,000		528,486
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+45
Excess of obligations over appropriation due to Public Law 106.....				-60,000		
Estimated savings, unobligated balance.....						5,399
Total estimate or appropriation.....		584,000		507,000		533,930

Federal Seed Act: To enable the Secretary to carry into effect the provisions of the Act entitled "An Act to regulate interstate and foreign commerce in seeds; to require labeling and to prevent misrepresentation of seeds in interstate commerce; to require certain standards with respect to certain imported seeds; and for other purposes", approved August 9, 1939, as amended (7 U. S. C. 1561-1610), **[\$102,400]** \$137,000: Provided, That not to exceed \$250 of this amount may be used for meeting the share of the United States in the expenses of the International Seed Testing Congress. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$137,000

Appropriated 1946, \$102,400

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496:						
Marketing specialist.....	1	\$2,166	1	\$2,156	1	\$1,800
Overtime pay, departmental.....				65		390
All personal services, departmental.....	1	2,166	1	2,221	1	2,190



# **PRODUCTION AND MARKETING ADMINISTRATION—** Continued

## **MARKETING [SERVICE] SERVICES—Continued**

### **Salaries and Expenses, Marketing Services—Continued**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Chief of division	0.8	\$5,050	0.8	\$5,050	0.9	\$5,270
Grade 12. Range \$5,180 to \$6,020:						
Chief of section	1	5,390	1	5,325	0.9	4,227
Grade 11. Range \$4,300 to \$5,180:						
Marketing specialist	1	5,180	1	5,180	0.7	3,259
Grade 9. Range \$3,640 to \$4,300:						
Marketing specialist	2.5	7,615	1.5	4,580	0.9	3,304
Grade 7. Range \$2,980 to \$3,640:						
Chief of section	3	6,696	3	6,626	1.5	4,087
Grade 4. Range \$2,100 to \$2,496:						
Chief of section	3	6,036	2	4,071	4.3	8,071
Grade 3. Range \$1,902 to \$2,298:						
Chief of section	3	6,036	2	4,071	1.5	2,385
Grade 2. Range \$1,704 to \$2,100:						
Chief of section	1	1,770	1	1,712	1.1	1,531
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Chief of section	1	4,520	1	4,444		
Seed analyst	1	4,300				
Seed technologist	2	9,040	2	8,964	2.9	11,093
Grade 3. Range \$3,640 to \$4,300:						
Seed technologist	2	7,720	1	4,021		
Grade 2. Range \$2,980 to \$3,640:						
Seed technologist	7	21,080	6	17,839	4.7	12,404
Grade 1. Range \$2,320 to \$2,980:						
Seed technologist	6	14,910	6	14,751	5.3	11,024
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
Chief of section	1	1,638	1	1,604		
Grade 2. Range \$1,440 to \$1,770:						
Chief of section	4	5,709	4	5,709	1.0	1,403
Unclassified					3.1	3,937
Total permanent, field	36.3	106,654	31.3	89,876	28.8	71,995
Temporary employment, field					0.1	51
Overtime pay, field						13,385
All personal services, field	36.3	106,654	31.3	92,176	28.9	85,431
01 Personal services (net)	37.3	108,820	32.3	94,397	29.9	87,621
<b>OTHER OBLIGATIONS</b>						
02 Travel		7,600		5,600		4,929
03 Transportation of things		230		258		444
04 Communication services		4,500		4,500		5,548
05 Rents and utility services		2,500		2,500		2,876
07 Other contractual services		7,920		5,920		4,903
08 Supplies and materials		4,680		4,000		1,337
09 Equipment		2,300		800		8,104
Total other obligations		29,730		23,578		28,141
Grand total obligations		138,550		117,975		115,762
Reimbursements for services performed		-1,550		-1,575		-849
Net total obligations		137,000		116,400		114,913
Covered into Treasury as miscellaneous receipts, Public Law 529						+115
Excess of obligations over appropriation due to Public Law 106				-14,000		
Estimated savings, unobligated balance						2,672
Total estimate or appropriation		137,000		102,400		117,700

Packers and Stockyards Act: For carrying out the provisions of the Packers and Stockyards Act, approved August 15, 1921, as amended by the Act of August 14, 1935 (7 U. S. C. 181-229), [\$363,500] \$464,500. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$464,500

Appropriated 1946, \$363,500

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Accountant	1	\$6,230				
Budget analyst	1	6,440	1	\$6,254		
Chief of division	1	7,070	1	6,957	1	\$6,200
Grade 12. Range \$5,180 to \$6,020:						
Accountant	1	5,810	1	5,754	1	5,000
Administrative officer	0.8	4,544	0.8	4,544	0.4	1,825
Chief of section	1	5,390	1	5,390	1	4,600
Head of unit	1	5,180	1	5,180	1	4,600
Trade-practice analyst	1	5,180				
Grade 11. Range \$4,300 to \$5,180:						
Accountant					0.4	1,544
Administrative officer	1	4,520	1	4,520		
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant	1	4,080	1	4,050	1	3,500
Budget analyst	2	7,390	2	7,369		

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service—Continued						
Grade 9. Range \$3,640 to \$4,300—Con.						
Fiscal accountant	1	\$3,860	1	\$3,860	1	\$3,300
Marketing specialist	1	3,640				
Grade 7. Range \$2,980 to \$3,640:						
Marketing specialist	1	3,090	1	3,090	0.2	554
Grade 5. Range \$2,320 to \$2,980:						
Marketing specialist	2	5,630	2	5,570	4.1	9,042
Grade 4. Range \$2,100 to \$2,496:						
Marketing specialist	5	11,160	4	8,973	2.8	5,283
Grade 3. Range \$1,902 to \$2,298:						
Marketing specialist	3	5,970	2	4,068	1.9	3,170
Grade 2. Range \$1,704 to \$2,100:					0.6	918
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Section head	1	6,860	1	6,860	1	6,050
Grade 5. Range \$5,180 to \$6,020:						
Economist	1	6,020	1	6,020	1	5,200
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
Chief of section	1	1,638	1	1,618	0.9	1,219
Total permanent, departmental	27.8	109,702	22.8	90,077	19.3	62,005
Temporary employment, departmental					0.2	268
Overtime pay, departmental				1,700		9,873
All personal services, departmental	27.8	109,702	22.8	91,777	19.5	72,146
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
District supervisor	4	22,400	4	21,979	4.5	21,625
Grade 11. Range \$4,300 to \$5,180:						
Accountant	3	14,220	3	14,051	3.1	12,497
District supervisor	3	14,660	3	14,550	3	12,400
Marketing specialist	3	13,120	2	8,710	2.4	9,656
Grade 9. Range \$3,640 to \$4,300:						
Accountant	10	39,480	9	35,406	9	30,323
District supervisor	6	25,250	6	25,191	6	21,900
Marketing specialist	5	18,970	5	18,847	3.6	11,864
Grade 8. Range \$3,310 to \$3,970:						
Marketing specialist	1	3,750	1	3,720	1	3,275
Grade 7. Range \$2,980 to \$3,640:						
Marketing specialist	18	56,830	10	32,804	13	36,987
Grade 5. Range \$2,320 to \$2,980:						
Marketing specialist	1	2,980	1	2,878	1.1	2,746
Grade 4. Range \$2,100 to \$2,496:						
Marketing specialist	5	11,556	5	11,443	4	7,511
Grade 3. Range \$1,902 to \$2,298:						
Marketing specialist	13.2	28,177	13.2	27,983	13.2	23,954
Grade 2. Range \$1,704 to \$2,100:					0.5	788
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Valuation engineer	1	5,390	1	5,390	1	4,700
Grade 4. Range \$4,300 to \$5,180:						
Valuation engineer	4	18,960	4	18,732	4.2	17,260
Grade 3. Range \$3,640 to \$4,300:						
Land appraiser	1	3,970	1	3,970	2	7,100
Total permanent, field	78.2	279,713	68.2	245,654	71.6	224,616
Temporary employment, field	0.3	625	0.4	818	0.9	1,056
Part-time employment, field	0.4	680	0.5	851		
Overtime pay, field				5,500		40,939
All personal services, field	78.9	281,018	69.1	252,823	72.5	266,611
01 Personal services (net)	106.7	390,720	91.9	344,600	92	338,757
<b>OTHER OBLIGATIONS</b>						
02 Travel		44,000		40,300		41,175
03 Transportation of things		2,200		2,200		2,278
04 Communication services		3,100		3,100		2,921
05 Rents and utility services		14,380		13,000		12,450
07 Other contractual services		4,700		3,700		3,791
08 Supplies and materials		3,200		2,400		2,369
09 Equipment		2,200		2,200		1,613
Total other obligations		73,780		66,900		66,597
Grand total obligations		464,500		411,500		405,354
Reimbursements for services performed						-733
Net total obligations		464,500		411,500		404,621
Covered into Treasury as miscellaneous receipts, Public Law 529						+245
Excess of obligations over appropriation due to Public Law 106				-48,000		
Estimated savings, unobligated balance						13,834
Total estimate or appropriation		464,500		363,500		418,700

Naval Stores Act: For enabling the Secretary to carry into effect the provisions of the Naval Stores Act of March 3, 1923 (7 U. S. C. 91-99), [\$30,100] \$33,800. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$33,800

Appropriated 1946, \$30,100

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 4. Range \$2,100 to \$2,496:						
Chief of section	0.6	\$1,436	0.7	\$1,668	1	\$1,920



By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL—con.</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Chief of section	1	\$5,600	1	\$5,600	1	\$4,800
Grade 3. Range \$3,640 to \$4,300:						
Chemist	1	3,970	1	3,970	1	3,400
Grade 2. Range \$2,980 to \$3,640:						
	1	3,090	1	3,090	1	2,600
Total permanent, departmental	3.6	14,096	3.7	14,328	4	12,720
Overtime pay, departmental				300		2,235
All personal services, departmental	3.6	14,096	3.7	14,628	4	14,955
<b>PERSONAL SERVICES, FIELD</b>						
Professional service:						
Grade 3. Range \$3,640 to \$4,300:						
Naval stores classifier	0.7	2,961	0.7	2,961	0.8	2,891
Grade 2. Range \$2,980 to \$3,640:						
	4	12,800	4	12,628	3.4	9,209
Total permanent field	4.7	15,761	4.7	15,589	4.2	12,100
Overtime pay, field				400		2,447
All personal services, field	4.7	15,761	4.7	15,989	4.2	14,547
01 Personal services (net)	8.3	29,857	8.4	30,617	8.2	29,502
<b>OTHER OBLIGATIONS</b>						
02 Travel		1,370		1,470		1,026
03 Transportation of things		38		38		10
04 Communication services		275		295		902
05 Rents and utility services						193
07 Other contractual services		360		480		468
08 Supplies and materials		1,100		1,300		675
09 Equipment		500		400		435
Total other obligations		3,943		3,983		3,709
Grand total obligations		33,800		34,600		33,211
Covered into Treasury as miscellaneous receipts, Public Law 529						+6
Excess of obligations over appropriation due to Public Law 106				-4,500		
Estimated savings, unobligated balance						1,511
Total estimate or appropriation		33,800		30,100		34,728

Insecticide Act: For enabling the Secretary to carry into effect the provisions of the Act of April 26, 1910 (7 U. S. C. 121-134), entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded paris greens, lead arsenates, other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes", **[\$186,800] \$262,500.**

["Insecticide Act": For an additional amount, fiscal year 1946, for "Insecticide Act", including the objects specified under this head in the Department of Agriculture Appropriation Act, 1946, \$26,500, and the limitation on the amount which may be expended for departmental personal services in the District of Columbia is hereby increased from "\$1,228,446" to "\$1,235,446".] (Act of May 5, 1945, Public Law 52; Act of Dec. 28, 1945, Public Law 269.)

Estimate 1947, **\$262,500**

Appropriated 1946, **\$213,300**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Chief of division	1	\$6,230	1	\$6,230	0.8	\$4,705
Grade 12. Range \$5,180 to \$6,020:						
Organization and management analyst	1	5,390	1	5,301		
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer	0.5	2,216	0.5	2,216	0.7	2,874
Procedure analyst	1	4,520	1	4,520		
Grade 5. Range \$2,320 to \$2,980:						
	2	4,970	2	4,940	1	2,079
Grade 4. Range \$2,100 to \$2,496:						
	2.7	6,409	2.7	6,409	2	3,630
Grade 3. Range \$1,902 to \$2,298:						
	4	8,136	3	6,216	2.6	4,617
Grade 2. Range \$1,704 to \$2,100:						
	0.5	852	0.5	852		
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Chief of section	1	6,020	1	6,020	0.9	5,104
Grade 4. Range \$4,300 to \$5,180:						
Chemist	1	4,300	0.5	2,150		
Entomologist	0.8	3,637	0.5	2,150		
Total permanent, departmental	15.5	52,680	13.7	47,004	8	23,009
Temporary employment, departmental					0.1	180
Overtime pay, departmental				750		3,873
All personal services, departmental	15.5	52,680	13.7	47,754	8.1	27,062

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, FIELD</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 9. Range \$3,640 to \$4,300:						
Investigator	7	\$26,250	7	\$25,689	2.9	\$10,371
Grade 7. Range \$2,980 to \$3,640:						
	2	5,960	1.5	4,470	5	12,966
Grade 5. Range \$2,320 to \$2,980:						
	1	2,320	0.5	1,160	0.9	1,859
Grade 4. Range \$2,100 to \$2,496:						
	2	4,728	2	4,664	2	3,970
Grade 3. Range \$1,902 to \$2,298:						
	2	4,002	2	3,972	1.9	3,230
Grade 2. Range \$1,704 to \$2,100:						
					1.4	2,210
Grade 1. Range \$1,506 to \$1,902:					0.7	926
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Chemist					0.1	651
Grade 5. Range \$5,180 to \$6,020:						
Bacteriologist	1	5,600	1	5,600	0.9	4,537
Chemist	2	11,620	2	11,620	2	9,830
Entomologist	1	5,810	1	5,754		
Marketing specialist					0.9	4,726
Pathologist	1	6,020	1	6,020	0.9	5,105
Grade 4. Range \$4,300 to \$5,180:						
Chemist	3	14,000	3	13,628	2.7	10,996
Plant pathologist	1	4,300	0.5	2,150	1.2	4,593
Grade 3. Range \$3,640 to \$4,300:						
Chemist	5	19,300	4.5	17,413	6.3	21,362
Entomologist	2	7,720	1.5	5,870	0.9	3,308
Pathologist	2	8,600	2	8,540		
Grade 2. Range \$2,980 to \$3,640:						
	8.5	26,980	7.5	23,906	6	15,954
Grade 1. Range \$2,320 to \$2,980:						
	1	2,430	1	2,430	0.9	1,890
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496:						
	1	2,166	1	2,128	0.9	1,702
Grade 4. Range \$1,902 to \$2,298:						
	1	1,968	1	1,968	1.6	2,707
Grade 3. Range \$1,704 to \$2,100:						
	1	1,704	0.5	852		
Grade 2. Range \$1,572 to \$1,968:						
	2	3,210	1.5	2,424	1	1,422
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:						
	1	1,638	1	1,620		
Grade 2. Range \$1,440 to \$1,770:					1.3	1,631
Total permanent, field	47.5	166,326	43	151,878	42.4	125,946
Temporary employment, field	0.6	1,114	0.2	455	0.6	652
Part-time employment, field	0.7	1,417	1.3	2,408		
W. A. E. employment, field	0.4	713	0.8	1,430	0.2	301
Overtime pay, field				3,000		23,244
All personal services, field	49.2	169,570	45.3	159,171	43.2	150,143
01 Personal services (net)	64.7	222,250	59	206,925	51.3	177,205
<b>OTHER OBLIGATIONS</b>						
02 Travel		12,300		11,750		9,816
03 Transportation of things		2,200		2,000		1,992
04 Communication services		650		625		731
05 Rents and utility services		6,900		6,340		4,490
07 Other contractual services		4,800		4,160		4,852
08 Supplies and materials		7,900		5,700		8,105
09 Equipment		5,500		3,500		1,591
Total other obligations		40,250		34,075		31,577
Grand total obligations		262,500		241,000		208,782
Reimbursements for services performed						-139
Net total obligations		262,500		241,000		208,643
Covered into Treasury as miscellaneous receipts, Public Law 529						+65
Excess of obligations over appropriation due to Public Law 106				-27,700		
Estimated savings, unobligated balance						6,500
Total estimate or appropriation		262,500		213,300		215,208

Commodity Exchange Act: To enable the Secretary to carry into effect the provisions of the Commodity Exchange Act, as amended (7 U. S. C. 1-17a), **[\$300,000] \$645,000.** (Act of May 5, 1945, Public Law 52.)

Estimate 1947, **\$645,000**

Appropriated 1946, **\$300,000**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Accountant	0.2	\$1,435	0.2	\$1,435		
Grade 13. Range \$6,230 to \$7,070:						
Commodity exchange investigator	1	6,230			0.3	\$2,242
Executive officer						
Grade 12. Range \$5,180 to \$6,020:						
Commodity exchange investigator	3	17,010	2	11,718	1.3	6,685
Financial analyst	1	5,180				
Marketing specialist	2	10,360				
Grade 11. Range \$4,300 to \$5,180:						
Accountant	1.2	5,160	0.2	860		
Financial analyst	1	4,300				
Marketing specialist	1	4,300				



# **PRODUCTION AND MARKETING ADMINISTRATION—** **Continued**

## **MARKETING [SERVICE] SERVICES—Continued**

### **Salaries and Expenses, Marketing Services—Continued**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL—</b> continued						
Clerical, administrative, and fiscal service—Continued						
Grade 9. Range \$3,640 to \$4,300:						
Marketing specialist.....	2	\$7,280	2.2	\$7,010	3	\$8,145
Grade 7. Range \$2,980 to \$3,640:	2.2	7,150	1	3,310	1.3	3,187
Grade 6. Range \$2,650 to \$3,310:	1	3,310	2	4,780	4.6	9,364
Grade 5. Range \$2,320 to \$2,980:	6	14,140	3	6,440	4.5	8,412
Grade 4. Range \$2,100 to \$2,496:	6	12,798	2	3,804	2	3,323
Grade 3. Range \$1,902 to \$2,298:	6	11,412	1	1,704	0.3	471
Grade 2. Range \$1,704 to \$2,100:	2	3,408				
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Agricultural economist.....	0.5	3,850	0.5	3,850	0.4	2,602
Assistant director.....	0.2	1,435	0.2	1,435	0.9	6,080
Chief, commodity exchange supervision division.....	1	7,175	1	7,175	0.1	867
Grade 6. Range \$6,230 to \$7,070:						
Legal administrator.....	1	6,650	1	6,594	0.9	5,224
Trade analyst.....	1	6,440	1	6,440	0.9	5,224
Grade 5. Range \$5,180 to \$6,020:						
Trading analyst.....	2	10,360				
Grade 2. Range \$2,980 to \$3,640:	2	6,400	2	6,282	1.8	4,864
Grade 1. Range \$2,320 to \$2,980:	1	2,320	1	2,320		
Department of Agriculture grades:						
Grade 28. Range \$9,300 to \$10,000:						
Director.....	0.2	1,960	0.2	1,960		
Total permanent, departmental.....	44.5	160,063	20.5	77,117	22.3	66,690
Temporary employment, departmental.....					0.3	655
Overtime pay, departmental.....				1,430		11,423
All personal services, departmental.....	44.5	160,063	20.5	78,547	22.6	78,768
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Accountant.....	4	21,350	2	10,934	1.8	8,553
Commodity exchange investigator.....	3	16,170	1	5,754	0.6	3,125
Marketing specialist.....	2	10,360				
Grade 11. Range \$4,300 to \$5,180:						
Accountant.....	10	44,760	5	23,099	5.3	20,604
Commodity exchange investigator.....	7	30,100			0.9	3,500
Marketing specialist.....	3	12,900				
Grade 9. Range \$3,640 to \$4,300:						
Accountant.....	3	11,030	1	3,750	0.5	1,600
Commodity exchange investigator.....	4	14,560				
Grade 7. Range \$2,980 to \$3,640:	9	28,470	4	13,362	3.7	10,374
Grade 6. Range \$2,650 to \$3,310:					1.4	3,293
Grade 5. Range \$2,320 to \$2,980:	6.4	16,440	4.4	11,677	2.6	5,838
Grade 4. Range \$2,100 to \$2,496:	12	26,718	10	22,423	9.4	17,894
Grade 3. Range \$1,902 to \$2,298:	28.4	58,489	21.4	44,820	25.3	44,182
Grade 2. Range \$1,704 to \$2,100:	12	21,042	6	10,744	4.8	7,136
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Commodity exchange supervisor.....	1	7,070	1	7,014	0.9	5,333
Grain supervisor.....	1	7,070	1	7,070	1	6,199
Grade 5. Range \$5,180 to \$6,020:						
Commodity exchange supervisor.....	4	23,250	4	23,082	4	20,100
Grain exchange supervisor.....	1	5,810	1	5,710	1	5,000
Trading analyst.....	2	10,360				
Grade 4. Range \$4,300 to \$5,180:						
Economist.....	1	4,520	1	4,427	1	3,800
Grade 3. Range \$3,640 to \$4,300:						
Trading analyst.....	1	3,970	1	3,940	0.6	1,983
Grade 1. Range \$2,320 to \$2,980:	1	2,980	1	2,980	1	2,600
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:					1	1,333
Grade 2. Range \$1,440 to \$1,770:	1	1,506	1	1,465	0.8	1,055
Total permanent, field.....	116.8	378,925	65.8	202,251	67.6	173,552
Overtime pay, field.....				4,290		31,171
All personal services, field.....	116.8	378,925	65.8	206,541	67.6	204,723
01 Personal services (net).....	161.3	538,988	86.3	285,088	90.2	283,491
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		40,250		5,300		5,859
03 Transportation of things.....		400		400		752
04 Communication services.....		7,000		4,900		7,372
05 Rents and utility services.....		39,687		37,737		35,578
07 Other contractual services.....		7,475		4,475		4,555
08 Supplies and materials.....		9,150		1,800		2,245
09 Equipment.....		2,050		1,800		7
Total other obligations.....		106,012		56,412		56,368
Grand total obligations.....		645,000		341,500		339,859
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+309
Excess of obligations over appropriation due to Public Law 106.....				-41,500		

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Estimated savings, unobligated balance.....			\$5,629
Total estimate or appropriation.....	\$645,000	\$300,000	348,797
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Licensing.....	\$31,500	\$31,300	\$27,400
2. Supervision of trading.....	292,940	197,380	175,295
3. Audits.....	126,360	41,100	36,000
4. Compliance investigations.....	194,200	66,000	58,570
5. Overtime pay.....		5,720	42,594
Grand total obligations.....	645,000	341,500	339,859
Adjustments (see objects schedule for detail).....		-41,500	+8,938
Total estimate or appropriation.....	645,000	300,000	348,797

Freight rates for farm products: To carry out the provisions of section 201 (a) to 201 (d), inclusive, of title II of the Agricultural Adjustment Act of 1938 (7 U. S. C. 1291), [\$84,200] \$123,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$123,000

Appropriated 1946, \$84,200

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Agricultural transportation specialist.....	3	\$16,170	3	\$15,684	3	\$13,800
Budget analyst.....	1	5,390	1	5,285		
Grade 11. Range \$4,300 to \$5,180:						
Agricultural transportation specialist.....	4.9	21,830	3	13,323	2.8	10,777
Grade 9. Range \$3,640 to \$4,300:						
Rate clerk.....	1	3,640				
Transportation specialist.....	2	7,610	2	7,525	2	6,450
Grade 5. Range \$2,320 to \$2,980:	2	4,860	2	4,754	1.5	3,151
Grade 4. Range \$2,100 to \$2,496:	3	6,432	2	4,269	1.4	2,610
Grade 3. Range \$1,902 to \$2,298:	2.8	5,577	2.9	5,718	3.4	5,633
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Chief of division.....	1	7,437	1	7,437	1	6,500
Grade 6. Range \$6,230 to \$7,070:						
Agricultural transportation economist.....	0.9	5,684				
Agricultural transportation specialist.....	1	6,440	1	6,270	1	5,600
Cost accountant.....	1	6,230				
Maritime specialist.....	1	6,230	1	6,230		
Grade 5. Range \$5,180 to \$6,020:						
Accountant.....	1	5,180	1	5,180		
Grade 2. Range \$2,980 to \$3,640:	1	2,980	1	2,980		
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902.....					0.3	416
Total permanent, departmental.....	26.6	111,690	20.9	84,655	16.4	54,937
Overtime pay, departmental.....				1,435		8,564
01 Personal services (net).....	26.6	111,690	20.9	86,090	16.4	63,501
<b>OTHER OBLIGATIONS</b>						
02 Travel.....		8,200		7,200		6,320
03 Transportation of things.....		100		100		68
04 Communication services.....		1,650		1,550		1,440
07 Other contractual services.....		200		200		1,142
08 Supplies and materials.....		1,000		900		2,781
09 Equipment.....		160		160		194
Total other obligations.....		11,310		10,110		11,945
Grand total obligations.....		123,000		96,200		75,446
Covered into Treasury as miscellaneous receipts, Public Law 529.....						+30
Excess of obligations over appropriation due to Public Law 106.....				-12,000		
Estimated savings, unobligated balance.....						3,286
Total estimate or appropriation.....		123,000		84,200		78,762

### **Salaries and Expenses, Marketing Services (Transfer From Bureau of Animal Industry)—**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Chief, budget and organization division.....					0.5	\$2,987



By objects	Obligations				
	Estimate, 1947		Estimate, 1946		Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>					
Clerical, administrative, and fiscal service—Continued	Man- years	Total salary	Man- years	Total salary	Man- years
Grade 13. Range \$6,230 to \$7,070:					
Assistant to chief	1	\$6,230	1	\$6,230	
Grade 11. Range \$4,300 to \$5,180:					
Accountant					0.8 \$3,154
Budget analyst					1 3,929
Grade 10. Range \$3,970 to \$4,630:					
Administrative officer	1	3,970	1	3,970	0.8 2,927
Grade 9. Range \$3,640 to \$4,300:					
Accountant	2	7,280	2	7,280	0.8 2,655
Administrative assistant	1	3,750	1	3,750	
Budget analyst					0.7 2,205
Grade 7. Range \$2,980 to \$3,640:					6.3 16,669
Grade 6. Range \$2,650 to \$3,310:					1.2 2,746
Grade 5. Range \$2,320 to \$2,980:					6.7 13,905
Grade 4. Range \$2,100 to \$2,496:					12.7 23,903
Grade 3. Range \$1,902 to \$2,298:					11.8 19,779
Grade 2. Range \$1,704 to \$2,100:					3.1 5,021
Professional service:					
Grade 7. Range \$7,175 to \$8,225:					
Chief of division	1	7,438	1	7,207	1 6,500
Grade 6. Range \$6,230 to \$7,070:					
Architectural engineer	1	6,440	1	6,254	1 5,600
Chemist	1	6,440	1	6,254	1 5,600
Veterinarian	4	25,760	4	25,073	4 22,515
Grade 5. Range \$5,180 to \$6,020:					
Chemist	1	5,180	1	5,180	0.8 3,699
Veterinarian	2	10,780	2	10,481	1.8 8,454
Grade 4. Range \$4,300 to \$5,180:					
Chemist	1	4,300	1	4,300	0.8 3,056
Grade 3. Range \$3,640 to \$4,300:					
Chemist	2	7,500	2	7,348	1 3,300
Crafts, protective, and custodial service:					
Grade 3. Range \$1,572 to \$1,902:					1.1 1,489
Grade 2. Range \$1,440 to \$1,770:					1 1,302
Total permanent, departmental	61.5	190,246	61.5	188,067	59.9 161,395
Temporary employment, departmental					0.3 570
Overtime pay, departmental				3,900	29,192
All personal services, departmental	61.5	190,246	61.5	191,967	60.2 191,157
<b>PERSONAL SERVICES, FIELD</b>					
Clerical, administrative, and fiscal service:					
Grade 11. Range \$4,300 to \$5,180:					
Area administrative services officer	1	5,180	1	5,180	
Fiscal accountant	1	4,300	1	4,300	
Grade 9. Range \$3,640 to \$4,300:					
Accountant	1	3,640	1	3,640	
Meat inspector	7	26,360	7	26,324	6.7 21,557
Grade 8. Range \$3,310 to \$3,970:					17.5 51,867
Grade 7. Range \$2,980 to \$3,640:					196.7
	194	604,520	194	600,869	512,137
Grade 6. Range \$2,650 to \$3,310:					804 1,860,867
	733	2,065,303	741	2,072,724	688 1,393,940
Grade 5. Range \$2,320 to \$2,980:					433.3 784,747
	711	1,775,030	711	1,763,156	131.6 213,873
Grade 4. Range \$2,100 to \$2,496:					39.2 56,253
	464.4	1,009,422	464.4	1,003,231	6.1 34,234
Grade 3. Range \$1,902 to \$2,298:					27.4 128,651
	137.2	270,701	137.2	268,446	295.2 767,520
Grade 2. Range \$1,704 to \$2,100:					35.5 77,167
	9	15,930	9	15,692	
Professional service:					
Grade 6. Range \$6,230 to \$7,070:					
Veterinarian	7	44,870	7	44,119	410.3 1,344,409
Grade 5. Range \$5,180 to \$6,020:					27.4 128,651
Veterinarian	26	141,190	26	138,073	295.2 767,520
Grade 4. Range \$4,300 to \$5,180:					35.5 77,167
Chemist	5	23,260	5	22,855	
Veterinarian	75	327,340	75	322,811	
Grade 3. Range \$3,640 to \$4,300:					
Chemist	2	7,500	2	7,500	0.8 2,638
Veterinarian	420	1,597,100	430	1,625,724	410.3 1,344,409
Grade 2. Range \$2,980 to \$3,640:					295.2 767,520
	278	859,350	282	853,740	35.5 77,167
Grade 1. Range \$2,320 to \$2,980:					
Subprofessional service:					
Grade 2. Range \$1,572 to \$1,968:					
Crafts, protective, and custodial service:					
Grade 2. Range \$1,440 to \$1,770:					
	3	4,848	3	4,813	
	5	7,860	5	7,806	
Total permanent, field	3,113	8,889,842	3,135	8,886,853	3,173.4 7,548,894
Temporary employment, field					1.6 2,640
Overtime pay reimbursed by packers, field		2,000,000		2,000,000	1,029,683
Overtime pay, field				230,287	1,571,089
Night-work differential, field		45,850		45,850	
Additional pay for foreign service, field		3,195		3,195	717
All personal services, field	3,113	10,938,887	3,135	11,166,185	3,175 10,153,023
<b>01 Personal services (net)</b>	3,174.5	11,129,133	3,196.5	11,358,152	3,235.2 10,344,180
<b>OTHER OBLIGATIONS</b>					
<b>02 Travel</b>		97,582		97,682	85,427
<b>03 Transportation of things</b>		15,500		25,500	20,757

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS—continued</b>			
04 Communication services	\$10,400	\$10,400	\$10,047
05 Rents and utility services	26,600	26,600	13,159
06 Printing and binding	35,000	33,000	55,595
07 Other contractual services	15,900	16,400	16,242
08 Supplies and materials	26,100	26,100	26,344
09 Equipment	7,000	3,500	2,746
Total other obligations	234,082	239,182	230,317
Grand total obligations	11,363,215	11,597,334	10,574,497
Reimbursements for services performed	-2,223,950	-2,228,450	-1,229,683
Transferred to "Salaries and expenses, Office of Information"			+10,100
Received by transfer from "Salaries and expenses, animal industry, Agricultural Research Administration"			
Inspection and quarantine	-10,713	-10,870	-14,364
Meat inspection	-9,128,552	-9,358,014	-9,370,394
Covered into Treasury as miscellaneous receipts, Public Law 529			+156
Estimated savings, unobligated balance			29,688
Total estimate or appropriation			
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Meat inspection operations at packing plants under the Federal meat inspection service	\$8,984,652	\$8,984,652	\$7,642,341
2. Determination of adulterations and other objectionable conditions in meat and meat food products by laboratory analysis	108,500	108,500	93,200
3. Inspection of imported meats and meat food products	35,400	35,400	31,066
4. Enforcement of the 28-hour law	10,713	10,645	11,458
5. Services performed for other agencies	2,223,950	2,223,950	1,196,151
6. Overtime pay		234,187	1,600,281
Grand total obligations	11,363,215	11,597,334	10,574,497
Adjustments (see objects schedule for detail)	-11,363,215	-11,597,334	-10,574,497
Total estimate or appropriation			

Total, marketing services, annual appropriations, general account:

Estimate 1947, \$9,487,100

Appropriated 1946, \$6,552,400

#### [WAR FOOD ADMINISTRATION]

#### Salaries and Expenses, War Food Administration, Department of Agriculture—

[Salaries and expenses: For expenses necessary to enable the War Food Administration to perform its functions, including those prescribed by Executive Orders 9280, 9310, 9322, 9328, and 9334, independently or in cooperation (by transfer of funds or otherwise) with public and private agencies and individuals, other personal services in the District of Columbia and elsewhere, including not to exceed \$25,000 for employment pursuant to the second sentence of section 706 (a) of the Act of September 21, 1944 (Public Law 425); actual transportation and other necessary expenses, and not to exceed \$10 per diem in lieu of subsistence, of persons serving while away from their permanent homes in an advisory capacity to or employed by the War Food Administration, without other compensation from the United States, except that such expenditures shall not exceed \$115,000; printing and binding; the purchase of law-books, books of reference, periodicals, and not to exceed \$700 for newspapers; and the purchase of one, operation, and maintenance of two passenger-carrying vehicles in the District of Columbia; \$14,986,472, including \$275,000 for the wage stabilization program, and, in the absence of other governing statute, the provisions of law applicable to such program during the fiscal year 1945 are continued during the current fiscal year: *Provided*, That none of the funds herein appropriated shall be used for the promulgation or execution of orders under which assessments are made against producers or handlers of agricultural products, excepting walnuts, for administration of such orders: *Provided further*, That no part of this appropriation shall be used for agricultural wage stabilization with respect to any commodity unless a majority of the producers of such commodity within the area affected participating in a referendum or meeting held for that purpose request the intervention of the Administrator of the War Food Administration.]

[Salaries and expenses: The limitation on the amount which may be expended for the agricultural wage stabilization program under the appropriation "Salaries and expenses, War Food Administration", in the Department of Agriculture Appropriation Act,



## PRODUCTION AND MARKETING ADMINISTRATION—Con.

## [WAR FOOD ADMINISTRATION]—Continued

## Salaries and Expenses, War Food Administration, Department of Agriculture—Continued

1946, is hereby increased from "\$275,000" to "\$373,700".] (Act of May 5, 1945, Public Law 52; Act of Dec. 28, 1945, Public Law 269.)

Annual appropriation, general account:

Appropriated 1946, \$14,986,472

By objects	Obligations			Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945	Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL						
Clerical, administrative, and fiscal service—Continued						
Grade 15. Range \$8,750 to \$9,800:						
Administrative officer			0.8 \$6,333			
Chief, field relations		0.5 \$4,375				
Executive officer		1.2 10,937	2.7 21,244			
Grade 14. Range \$7,175 to \$8,225:						
Accountant		2.8 20,483	1.1 7,153			
Administrative analyst		0.4 2,870	1 6,500			
Administrative officer		7.5 54,612	11.9 79,520			
Assistant chief of division		0.1 785	0.3 1,610			
Assistant to director			0.8 5,124			
Chief, food industries division		1 7,175	0.7 4,658			
Industrial analyst		0.8 5,740	1.6 10,292			
Industrial specialist		0.8 5,890	1.6 10,522			
Investigator		1 7,619	1.1 7,153			
Marketing specialist		8 58,529	9.1 59,607			
Program officer			0.8 4,619			
Transportation officer		0.2 1,435	0.3 1,931			
Grade 13. Range \$6,230 to \$7,070:						
Accountant		3 19,470	3.7 20,669			
Administrative analyst		0.6 3,755	1.4 8,135			
Administrative officer		7.9 49,588	11.6 64,960			
Agriculturist		0.5 3,129	1.1 5,973			
Assistant chief, food industries division			0.4 2,351			
Budget analyst			1 5,814			
Business specialist		0.6 3,755	1 5,600			
Chief, administrative services division		0.1 623				
Chief, information division		0.1 623				
Chief of section		0.6 3,439	0.8 4,200			
Compliance investigator		1 6,440	0.8 4,597			
Field supervisor		2 12,460				
Industrial adviser		0.3 2,112	1 6,300			
Industrial analyst		2.9 18,057	3.6 19,490			
Industrial feeding specialist		0.5 3,129	0.8 4,667			
Industrial specialist		12 75,786	17.4 97,646			
Liaison officer		0.2 1,127	0.3 1,680			
Marketing specialist		23.1 142,333	29.3 165,432			
Purchasing officer		0.5 3,223	0.9 4,807			
Storage specialist		0.4 2,254	0.8 4,698			
Transportation specialist		0.5 3,129	1 5,600			
Grade 12. Range \$5,180 to \$6,020:						
Accountant		3.2 16,927	3.2 14,724			
Administrative analyst		1.3 6,593	4.1 18,616			
Administrative officer		9.6 51,692	17.9 82,876			
Budget analyst		0.3 1,554	1.1 4,855			
Commercial specialist		1.4 7,703	3.8 17,633			
Compliance investigator		1 5,320	3.3 15,430			
Compliance specialist		2 10,570	1.1 5,062			
Industrial analyst		2.5 13,450	5 22,840			
Industrial feeding specialist		0.5 2,689	2.1 9,759			
Industrial specialist		7.3 39,238	13.7 64,052			
Investigator		1 5,180				
Labor relations specialist		1 5,326	2.8 12,286			
Marketing specialist		16.5 89,622	30.9 142,695			
Organization and management specialist			1.4 6,562			
Purchasing officer		0.2 1,267	1 4,600			
Storage specialist		0.4 2,323	1 4,600			
Grade 11. Range \$4,300 to \$5,180:						
Accountant		1.7 7,275	6.1 24,535			
Administrative analyst		1.2 5,982	5.4 20,575			
Administrative officer		7.7 34,679	17.1 65,296			
Commercial specialist		0.8 3,661	2.3 8,867			
Industrial analyst		3.5 16,409	5 19,495			
Industrial feeding specialist		0.1 368	0.3 1,267			
Industrial specialist		3.5 15,250	6.3 24,021			
Investigator		1.1 4,704	1.3 4,815			
Labor relations specialist		1 4,410	0.2 697			
Marketing specialist		9.3 41,870	14.1 53,723			
Grade 10. Range \$3,970 to \$4,630:						
Administrative officer		0.1 408	1.1 3,851			
Grade 9. Range \$3,640 to \$4,300:						
Accountant		0.3 1,095	2 6,400			
Administrative analyst		0.4 1,779	3.3 10,400			
Administrative assistant		8.2 30,519	22.2 67,481			
Budget analyst		0.8 2,904	5.9 16,978			
Commercial specialist		0.1 297	0.5 1,733			
Extension specialist		1.0 3,833	0.9 2,884			
Fiscal accountant		1.3 4,883	2.2 7,043			
Industrial analyst		4 14,577	4.5 14,413			
Industrial specialist		2.9 10,869	3.9 12,500			
Information specialist		0.1 364	0.3 1,100			
Labor relations specialist			1 3,200			
Marketing specialist		1.4 5,422	11.9 38,384			
Personnel technician		0.5 1,945	5.1 16,448			
Grade 8. Range \$3,310 to \$3,970:						
		1.4 4,733	4.7 13,799			
PERSONAL SERVICES, DEPARTMENTAL—CON.						
Clerical, administrative, and fiscal service—Continued						
Grade 7. Range \$2,980 to \$3,640:						
				47		81.6
Grade 6. Range \$2,650 to \$3,310:					\$143,957	\$212,941
Grade 5. Range \$2,320 to \$2,980:				104	7.8 21,777	8.7 20,068
					251,905	322,844
Grade 4. Range \$2,100 to \$2,496:				146.2	320,010	271.3
Grade 3. Range \$1,902 to \$2,298:				54.6	107,325	502,231
Grade 2. Range \$1,704 to \$2,100:					23,672	120.4
Grade 1. Range \$1,506 to \$1,902:						197,036
Professional service:						23.7 41,815
Grade 8. Range \$8,750 to \$9,800:						2.3 3,410
Chemist						0.4 3,333
Economist						0.1 911
Special assistant and consultant				0.5 4,900		1 8,000
Grade 7. Range \$7,175 to \$8,225:						
Agricultural economist				15.9		12.9
Assistant director, office of price					116,160	83,159
Chemist				0.5 3,733		1 6,500
Chief, wage stabilization division				0.4 2,900		1 6,750
Deputy director				1 7,175		
Economist-analyst				0.5 3,850		
Nutritionist				0.5 3,587		1 6,500
Grade 6. Range \$6,230 to \$7,070:				1 7,384		1.1 7,153
Agricultural economist				21.7		24.4
Agricultural engineer					138,192	141,340
Assistant chief, wage stabilization division				0.3 1,869		0.6 3,300
Chemist				1 6,230		1 5,650
Dairy and poultry specialist				0.4 2,492		1 6,400
Economic analyst				0.9 5,607		0.5 2,300
Economist						1.9 10,964
Food technician						0.3 1,939
Industrial engineer				0.2 1,289		1.5 8,400
Information specialist				2.4 15,070		1 5,800
Nutritionist				1 6,319		2.9 16,640
Price analyst				1 6,352		2.2 12,325
Wage rate analyst						0.5 2,100
Grade 5. Range \$5,180 to \$6,020:						
Agricultural economist				16.5 87,760		19.9 92,579
Agricultural engineer						0.1 217
Agricultural statistician				2.2 11,447		1.1 5,062
Chemist				0.7 3,626		1.2 6,358
Economic analyst				0.2 1,036		0.4 1,846
Food technician				0.9 4,838		0.2 975
Information specialist				2 10,360		1.8 8,436
Labor nutrition education specialist				2 10,432		1.1 5,282
Nutritionist				0.5 2,695		6.6 30,518
Trade analyst						1.1 5,061
Wage rate analyst				2 10,360		2.8 12,837
Grade 4. Range \$4,300 to \$5,180:						
Agricultural economist				9.2 40,445		14.7 56,106
Agricultural statistician				3.2 13,921		1.8 6,965
Chemist				0.5 2,200		1.1 4,096
Economic analyst				0.5 2,150		0.9 3,430
Economist				0.2 890		0.5 1,804
Information specialist				2.2 9,600		2.8 11,371
Nutritionist						2.2 8,363
Statistician				0.3 1,290		0.7 2,533
Transportation economist				0.2 900		0.5 1,721
Wage rate analyst				4 17,420		3.6 14,362
Grade 3. Range \$3,640 to \$4,300:						
Agricultural economist				9.7 36,692		8.6 27,638
Agricultural statistician				5.4 19,906		3.1 9,741
Economic analyst				1.6 6,191		1.4 4,424
Industrial analyst				0.7 2,577		1.2 4,049
Information specialist				6.7 24,456		6.8 21,761
Nutritionist						1.6 5,126
Statistician				1 3,653		0.5 1,606
Wage rate analyst				1 3,640		1 3,225
Grade 2. Range \$2,980 to \$3,640:				26.2 79,717		34 88,050
Grade 1. Range \$2,320 to \$2,980:				12.2 29,379		13.6 27,780
Crafts, protective, and custodial service:						
Grade 4. Range \$1,770 to \$2,166:				0.1 192		2 3,000
Grade 3. Range \$1,572 to \$1,902:				20.5 33,249		36.4 48,898
Grade 2. Range \$1,440 to \$1,770:				2.2 3,150		6.4 7,833
Department of Agriculture grades:						
Grade 28. Range \$9,800 to \$10,000:						
Assistant administrator for regulatory and marketing service work				0.7 7,067		
Assistant director, materials and facilities						0.4 2,622
Associate director, fruit and vegetable branch				0.9 8,883		
Deputy director				0.2 1,972		1.5 13,125
Director, compliance and investigation branch				0.7 6,860		
Director, livestock branch				0.9 8,883		
Director, office of investigatory service				0.1 980		
Director, office of marketing services				0.1 1,010		1 9,250
Director, office of materials and facilities				0.3 2,940		1.1 9,775
Director, office of price				1 9,800		1 9,000
Director, office of transportation				1 9,800		0.8 7,450
Director, requirements and allocations				1 10,000		
Executive assistant to president and secretary				0.1 980		
Head of branch						0.5 4,500



By objects	Obligations			By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945		Estimate, 1947	Estimate, 1946	Actual, 1945
PERSONAL SERVICES, DEPARTMENTAL—CON.				PERSONAL SERVICES, FIELD—continued			
Department of Agriculture grades—Con.				Clerical, administrative, and fiscal service—Continued			
Grade 28. Range \$9,800 to \$10,000—Con.				Grade 12. Range \$5,180 to \$6,020—Con.			
Treasurer		0.1 \$980		Industrial specialist		1	2.3
Vice president and director of supply		0.1 980				\$5,180	\$10,465
Grade 27. Range \$9,275 to \$9,800:				Information specialist		1 5,180	1.9 9,241
Assistant treasurer		0.2 1,854		Investigator		1 5,180	0.7 3,258
Grade 26. Range \$8,750 to \$9,800:				Marketing specialist		5.8 32,175	15.4 73,012
Assistant deputy director		0.3 2,667	3.9 \$31,583	Personnel officer		1 5,344	0.7 3,190
Assistant director, cotton branch		0.4 3,605		Regional personnel officer		0.3 1,756	0.4 1,850
Assistant director, grain branch		0.1 922		State director		6.2 33,172	
Assistant director, livestock branch		0.1 929		State supervisor			0.3 1,407
Assistant director, requirements and allocations		1 7,750		Tobacco inspector			0.1 490
Assistant director, special commodities branch		0.9 8,112		Grade 11. Range \$4,300 to \$5,180:			
Assistant head of branch		1 9,012	1.9 15,952	Accountant		10 44,633	15.9 60,464
Chief, civilian food requirements branch			0.5 4,000	Administrative officer		8.3 36,464	11.1 42,982
Chief, compliance branch			0.7 6,300	Area supervisor			5.9 22,386
Chief, cotton and fiber branch		0.1 901	1 8,250	Assistant chief of division		2.7 11,583	3.8 14,295
Chief, dairy and poultry branch		0.1 901	1 8,250	Assistant chief of section		1.3 5,533	1.8 6,770
Chief, fats and oils branch		0.1 891	1 8,000	Assistant district director		7.2 31,504	10 38,564
Chief, fruit and vegetable branch		0.1 901	1 8,000	Assistant State director		7.4 32,036	
Chief, grain products branch		0.1 924		Auditor			0.9 3,282
Chief, livestock and meats branch		0.1 926	1 8,000	Chief of section		3.1 14,102	8.4 31,600
Chief, procurement and price support branch		0.1 875		Commercial specialist		0.4 1,905	0.8 3,058
Chief, program liaison branch		0.1 875	0.3 2,502	Commodity specialist			0.3 950
Chief, requirements and allocations control branch			1 8,340	District director		3.2 14,089	5.3 19,448
Chief, school lunch and direct distribution branch		0.5 4,370		District program assistant		1 4,328	1 3,225
Chief, special commodities branch		0.1 901	1 8,250	Executive officer		5 21,940	4.4 16,564
Chief, tobacco branch		0.1 910		Food preservation specialist		1.2 5,533	1 4,600
Deputy assistant administrator		1.4 12,453		Industrial feeding specialist		3 12,900	2 7,331
Deputy director		0.9 7,676	1.4 11,050	Information specialist		2.5 10,985	6.2 22,960
Director, dairy branch		0.4 3,605		Investigator		12 53,175	25.6 87,286
Director, fats and oils branch		0.9 8,021		Marketing specialist		3.2 13,998	9.6 37,054
Director, fruit and vegetable branch		0.4 3,605		Personnel officer			0.8 3,000
Director, office of home food supply		0.2 2,187		Personnel technician		0.7 3,219	
Director, office of investigatory services			0.3 2,700	Regional finance officer		0.5 2,263	0.7 2,630
Director, tobacco branch		0.1 773		State director		0.8 3,270	
Special economic assistant to administrator			0.3 2,188	State program assistant			1.7 7,292
Grade 24. Range \$7,700 to \$8,750:				State supervisor			0.7 2,619
Assistant deputy director		1 7,862	1.8 12,250	Subdistrict director		0.4 1,905	
Associate director, grain division		0.1 796		Tobacco inspector			0.1 367
Chief, industry operations branch		1 7,781	1 7,000	Grade 9. Range \$3,640 to \$4,300:			
Director, grain division		0.1 796		Accountant		16 60,287	29.7 94,860
Economic consultant			0.1 992	Administrative assistant		7.4 44.3	141,269
Grade 23. Range \$7,175 to \$8,225:				Area program assistant			1.5 4,475
Chief, administrative management division		0.1 717		Area supervisor			9.6 29,995
Chief, marketing reports division		1 7,175	0.5 3,250	Assistant chief of division		1.6 6,096	4.7 15,670
Chief, personnel division		0.1 717		Assistant chief of section		0.7 2,748	2.1 7,000
Chief, reports and special programs branch		0.3 2,229		Assistant State director		0.6 2,031	
Deputy director, office of home food supply		0.2 1,794	0.1 487	Auditor			0.1 400
Total permanent, departmental		759.5	1,267	Chief of section		2.4 8,834	4.2 14,000
Temporary employment, departmental		2,876,047	3,911,338	District director		3 11,230	0.8 2,450
Part-time employment, departmental		0.1 618	4.5 3,525	District program assistant		5.6 20,778	49 163,371
W. A. E. employment, departmental		0.3 942	3.3 10,451	Fiscal accountant		0.4 1,374	0.3 799
W. O. C. employment, departmental		0.2 1,046	1.2 7,160	Food preservation specialist			1 3,058
Overtime pay, departmental		87,415	646,613	Information specialist		1.2 4,405	2.3 7,444
All personal services, departmental		772.1	1,297.6	Investigator		28.5 40.7	133,615
		2,966,068	4,579,087	Marketing specialist		107,468	14.2 45,839
PERSONAL SERVICES, FIELD				State program assistant		7.4 28,629	1.4 4,315
Clerical, administrative, and fiscal service:				Subdistrict director		2.6 9,604	1 3,225
Grade 14. Range \$7,175 to \$8,225:				Subdistrict program assistant		1.5 5,796	
Regional director		1.2 9,000	4.9 33,968	Wage stabilization officer		0.4 1,524	11.3 36,403
Grade 13. Range \$6,230 to \$7,070:				Grade 7. Range \$2,980 to \$3,640:		12 44,560	119.1
Administrative officer		5.5 35,108	10 56,129	Grade 6. Range \$2,650 to \$3,310:		185,014	313,299
Assistant regional director		1.3 8,558	2.2 12,400	Grade 5. Range \$2,320 to \$2,980:		0.3 792	3.5 8,135
Chief of division		2.4 15,072	2 11,155	Grade 4. Range \$2,100 to \$2,496:		33.8 81,558	70.2
Chief of section		0.2 1,545	0.1 555	Grade 3. Range \$1,902 to \$2,298:		97.3 208,286	141,954
District director		0.2 1,200		Grade 2. Range \$1,704 to \$2,100:		172.1 332,551	333,814
Executive officer		1 6,230	0.9 5,134	Grade 1. Range \$1,506 to \$1,902:		53.2 92,131	135.5
Field relations officer		0.7 4,240	0.8 4,667	Professional service:		0.4 756	198,395
Marketing specialist		2 12,684	4.3 23,870	Grade 6. Range \$6,230 to \$7,070:			4.7 5,789
State director		0.6 3,684		Accountant		0.7 4,455	
Grade 12. Range \$5,180 to \$6,020:				Agricultural economist			2 10,869
Accountant		2 10,570	1.2 5,648	Chief of division		1.8 10,824	
Administrative officer		8.8 45,984	15.2 69,977	Chief of section		0.3 1,872	
Area supervisor			1 4,600	Information specialist			2.8 15,597
Assistant chief of division		2.7 14,437	3.3 15,267	Grade 5. Range \$5,180 to \$6,020:			
Assistant chief of section		0.4 2,320	0.6 2,775	Administrative officer			0.6 2,683
Assistant district director		1.6 8,413	0.8 3,445	Agricultural economist		0.4 2,344	0.6 2,702
Assistant State director		2 10,232		Assistant chief of division		0.5 2,592	
Assistant State supervisor			1.8 8,200	Chief of section		1.9 9,846	
Assistant to regional director		0.4 2,320	1 4,600	Industrial feeding specialist		1 5,180	1 4,490
Auditor			0.2 958	Industrial nutritionist			0.2 934
Chief of division		2.5 13,681	3 13,875	Information specialist		3.3 17,222	3.2 14,998
Chief of section		1.8 9,720	0.1 275	Grade 4. Range \$4,300 to \$5,180:			
Commercial specialist		0.4 2,031	0.4 1,917	Agricultural economist			1.3 4,838
District director		7.4	22.3	Industrial feeding specialist		4.3 18,726	6.5 24,607
		38,926	104,462	Information specialist		0.6 2,793	0.1 411
Executive officer			0.1 690	Nutritionist		1.3 5,708	2.2 8,539
Fiscal officer			1.1 5,063	Program analyst			0.3 1,108
Industrial feeding specialist		2 10,360	0.5 2,700	Grade 3. Range \$3,640 to \$4,300:			1 3,550
				Agricultural economist		0.3 1,092	
				Chief of section		0.7 2,544	0.3 969
				Industrial feeding specialist		1.5 5,636	0.5 1,689
				Information specialist			1 3,200
				Nutritionist			1 3,200
				Statistician			1 3,200
				Grade 2. Range \$2,980 to \$3,640:		1.4 4,329	36.5 96,658
				Grade 1. Range \$2,320 to \$2,980:			1.5 2,938



# **PRODUCTION AND MARKETING ADMINISTRATION—** **Continued**

## **[WAR FOOD ADMINISTRATION]—Continued**

### **Salaries and Expenses, War Food Administration, Department of Agriculture—Continued**

By objects	Obligations *		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Subprofessional service:			
Grade 5. Range \$2,100 to \$2,496		0.3 \$708	
Grade 1. Range \$1,440 to \$1,836		1 1,585	0.2 \$280
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902		2.9 4,632	2.3 3,097
Grade 2. Range \$1,440 to \$1,770		2 2,804	5 5,893
Total permanent, field		672.6	1,370.4
		2,028,497	3,437,666
Temporary employment, field		8.5	25.1
		13,874	52,199
Part-time employment, field			2.4 3,015
W. A. E. employment, field		6.7 30,699	18.2 29,652
W. O. C. employment, field		18.1 0	42.9 0
Overtime pay, field		62,427	666,650
Additional pay for foreign service, field			761
All personal services, field		705.9	1,459
		2,135,497	4,189,943
01 Personal services (net)		1,478	2,756.6
		5,101,565	8,769,030
<b>OTHER OBLIGATIONS</b>			
02 Travel		523,575	944,672
03 Transportation of things		31,305	45,665
04 Communication services		162,489	255,261
05 Rents and utilities		108,955	259,381
06 Printing and binding		37,450	82,967
07 Other contractual services		239,080	305,543
Administration of War Food Order			
79 (milk order)		191,500	1,118,180
Working fund to Office of Education (for canning centers)			1,670,000
08 Supplies and materials		66,375	111,991
09 Equipment		19,375	44,047
Total other obligations		1,380,104	4,837,707
Grand total obligations		6,481,669	13,606,737
Transferred to—			
"Administrative expenses, sec. 392, Agricultural Adjustment Act of 1938"		+1,056,522	+1,497,903
"Local administration, section 388, Agricultural Adjustment Act, 1938"		+3,345,600	+6,312,466
Total obligations, Production and Marketing Administration		10,883,791	21,417,106
Reimbursements for services performed		-13,100	-19,012
Allotted to—			
Extension Service		+130,000	+3,939,792
Office of Secretary of Agriculture (special war food staff)		+216,610	+170,148
Transferred to—			
"Salaries and expenses, Office of Secretary of Agriculture"		+80,570	+126,000
"Salaries and expenses, Office of Solicitor, Department of Agriculture"		+109,716	+215,000
"Salaries and expenses, Office of Information, Department of Agriculture"		+154,776	+281,243
"Printing and binding, Department of Agriculture"		+24,185	+85,000
"Salaries and expenses, Bureau of Agricultural Economics," economic investigations		+66,700	+130,000
"Salaries and expenses, Bureau of Agricultural Economics," crop and livestock estimates		+165,725	+175,000
Net total obligations		11,818,973	26,520,277
Covered into Treasury as miscellaneous receipts, Public Law 529			+26,161
Carried to surplus fund, Public Law 127			+2,000,000
Estimated savings, unobligated balance		3,116,894	2,153,562
Unallotted reserve for contingencies		50,605	
Total estimate or appropriation		14,986,472	30,700,000
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Food order administration		\$2,611,661	\$5,283,810
2. Development and administration of programs in collaboration with public and private agencies and individuals to assure adequacy of facilities, storage and transportation by common carrier, and other work on various food marketing problems		319,171	398,222
3. Determination of requirements, allocations, availability, and distribution of food and feed supplies, and assistance in establishment and adjustment of goals and price ceilings		1,441,206	1,277,234

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
4. Distributive trades		\$515,090	\$713,610
5. Industrial feeding		329,170	407,775
6. Nutrition coordination		54,755	394,942
7. "A" awards, fat and container salvage		228,960	285,445
8. Material and facilities for production and processing of food		479,207	951,195
9. Special services to farmers in connection with agricultural production and marketing, transportation, storage, machinery, supplies, equipment, etc.		4,240,630	7,608,406
10. Farm wage stabilization and labor advisory activities		479,814	893,866
11. Working fund to Office of Education (for canning centers)			1,670,000
12. Services performed for other agencies		13,057	17,375
13. Overtime pay		171,070	1,515,226
Total obligations, Production and Marketing Administration		10,883,791	21,417,106
Adjustments (see objects schedule for detail)		+4,102,681	+9,282,894
Total estimate or appropriation		14,986,472	30,700,000

### **Supply and Distribution of Farm Labor, Department of Agriculture—**

**[Supply and distribution of farm labor: The authority and funds provided by the Farm Labor Supply Appropriation Act, 1944, as amended and supplemented, are hereby continued through December 31, 1946, to assist in providing an adequate supply of agricultural labor for the production, harvesting, and preparation for markets of agricultural commodities essential to the orderly transition from war to peace and for carrying out the other purposes of said Act, and, in addition to the amount hereby continued available, there is hereby appropriated the sum of \$25,000,000 for such purposes, to be merged with the funds hereby continued available. Not less than \$7,000,000 of such additional funds shall be apportioned among the several States in the manner and for the purposes specified in section 2 of said Act, and of the amount so apportioned, not more than \$100,000 may be expended by the State agricultural extension services for the construction of labor supply centers under the limitations of said section 2. In addition to the amounts heretofore made available for administrative expenses pursuant to section 3 (c) of said Act, there is hereby made available, out of said funds, the sum of \$562,023 for such purposes. Agricultural workers may be admitted into the United States to perform agricultural labor in accordance with the provisions of section 5 (g) of said Act during the continuance of this program, notwithstanding any official determination of the cessation of hostilities in the present war.]**  
*(Act of Dec. 28, 1945, Public Law 269.)*

Appropriated 1946, \$25,000,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
01 Personal services (net)		\$5,376,754	\$6,262,614
<b>OTHER OBLIGATIONS</b>			
02 Travel		727,905	857,867
03 Transportation of things		139,670	79,448
04 Communication services		258,960	286,078
05 Rents and utility services		457,952	466,804
06 Printing and binding		40,712	14,523
07 Other contractual services		388,673	674,858
08 Supplies and materials		2,384,000	2,852,142
09 Equipment		233,771	285,843
10 Lands and structures		3,200	5,540
11 Grants, subsidies, and contributions:			
Payments to States		5,550,359	5,566,250
Transportation, subsistence, health, medical, and other services		11,874,006	13,426,232
Total other obligations		22,059,208	24,515,585
Grand total obligations	\$8,893,455	27,435,962	30,778,199
Reimbursements for services performed	-500,000	-3,295,000	-3,378,157
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"			+13,000
Prior year balance available in 1945			-14,947,459
1945 appropriation available 1946		-7,534,417	+7,534,417
1946 appropriation available in 1947	-8,393,455	+8,393,455	
Total estimate or appropriation		25,000,000	20,000,000



**Community Facilities, Defense Public Works, Office of Administrator, Federal Works Agency (Transfer to Agriculture)—**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Assistance in the cost of maintenance and operation of recreational and child-care services for migrant agricultural workers in Florida, North Carolina, Virginia, and Tennessee</i>						
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 11. Range \$4,300 to \$5,180:						
Recreation specialist					0.5	\$1,900
Grade 9. Range \$3,640 to \$4,300:						
Recreation specialist			0.8	\$2,735	0.7	2,080
Grade 7. Range \$2,980 to \$3,640:			0.6	1,835	0.8	2,040
Grade 5. Range \$2,320 to \$2,980:			3.1	7,202	4.4	8,830
Grade 4. Range \$2,100 to \$2,496:			0.2	445	0.5	825
Grade 3. Range \$1,902 to \$2,298:					0.1	140
Grade 2. Range \$1,704 to \$2,100:			0.1	190	0.3	395
Total permanent, field			4.8	12,407	7.3	16,210
Overtime pay, field				1,123		3,370
01 Personal services (net)			4.8	13,530	7.3	19,580
<b>OTHER OBLIGATIONS</b>						
02 Travel				2,070		5,210
03 Transportation of things				582		10
04 Communication services				16		
07 Other contractual services				13		
08 Supplies and materials				1,144		4,555
Total other obligations				3,825		9,775
Grand total obligations				17,355		29,355
Received by transfer from "Community facilities, defense public works, Office of Administrator, Federal Works Agency" 1945 funds available in 1946						-61,885
Estimated savings, unobligated balance						+32,530
Total estimate or appropriation						

**Emergency Supplies for Territories and Possessions, Department of Agriculture (Production and Marketing Administration)—**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Procuring, transporting, and distributing agricultural and other commodities and supplies to meet the emergent requirements of the civilian population of the Territories and possessions of the United States</i>						
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer			1.8	\$11,031	4	\$22,600
Chief, administrative services division			0.1	623		
Chief, information division			0.1	623		
Marketing specialist			0.8	5,065	1	5,600
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer			1.5	7,877	3	13,800
Traffic officer			0.5	2,626	1	4,600
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer			1.5	6,785	3.8	14,250
Auditor			0.7	3,010	0.7	2,692
Traffic officer			1	4,300	2	7,750
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant			0.5	1,806	1	3,800
Auditor			1	3,640	1	3,300
Traffic assistant			0.9	3,681	2.8	8,887
Grade 7. Range \$2,980 to \$3,640:			1.9	5,992	4	10,500
Grade 5. Range \$2,320 to \$2,980:			2.1	4,790	4	8,396
Grade 4. Range \$2,100 to \$2,496:			3.9	8,163	7.8	14,303
Grade 3. Range \$1,902 to \$2,298:			3.9	7,653	7	13,409
Grade 2. Range \$1,704 to \$2,100:			6.2	10,957	13.3	19,200
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:			0.1	162	0.2	283
Department of Agriculture grades:						
Grade 28. Range \$9,800 to \$10,000:						
Director, budget and management branch			0.1	980		
Treasurer			0.1	980		
Deputy administrator			0.1	980		
Grade 27. Range \$9,275 to \$9,800:						
Assistant treasurer			0.3	2,781		
Grade 26. Range \$8,750 to \$9,800:						
Chief, audit division			0.1	875		
Director, claimants program coordination			0.1	875		
Deputy administrator			0.1	875		
Grade 23. Range \$7,175 to \$8,225:						
Chief, management and organization division			0.1	717		
Chief, personnel division			0.1	717		
Total permanent, departmental			29.6	98,564	56.6	153,370

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By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
<i>Procuring, transporting, and distributing agricultural and other commodities and supplies to meet the emergent requirements of the civilian population of the Territories and possessions of the United States—Continued</i>						
<b>PERSONAL SERVICES DEPARTMENTAL—con.</b>						
Overtime pay, departmental				\$1,786		\$25,115
All personal services, departmental				29.6	100,350	56.6 178,485
<b>PERSONAL SERVICES, FIELD</b>						
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Director			0.6	4,305	1	6,500
Grade 13. Range \$6,230 to \$7,070:						
Administrative officer			0.6	3,805	1	5,661
Chief, Hawaiian emergency program			0.6	3,764	1	5,600
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer			1.8	9,421	3	13,919
Caribbean finance officer			0.6	2,909	0.9	4,328
Marketing specialist			1.5	8,245	2.5	12,266
Grade 11. Range \$4,300 to \$5,180:						
Accountant			1.1	4,873	1.8	7,250
Administrative officer			6	25,762	10	38,325
Auditor			0.3	1,383	0.5	2,058
Information specialist			0.7	3,183	1.2	4,735
Purchase and sales agent			0.6	2,431	0.8	3,616
Grade 9. Range \$3,640 to \$4,300:						
Accountant			2.5	8,944	4	13,305
Administrative assistant			9.4	34,226	15.3	50,917
Auditor			1.9	6,850	3.1	10,190
Marketing specialist			2.1	7,748	3.6	11,527
Purchase and sales agent			1.7	6,309	2.8	9,385
Grade 7. Range \$2,980 to \$3,640:			26.1	79,004	44.6	117,534
Grade 5. Range \$2,320 to \$2,980:			25.7	59,515	44.2	88,540
Grade 4. Range \$2,100 to \$2,496:			24.3	51,056	42.1	75,956
Grade 3. Range \$1,902 to \$2,298:			59.5	114,876	102.5	170,898
Grade 2. Range \$1,704 to \$2,100:			61.3	104,893	106.3	156,048
Grade 1. Range \$1,506 to \$1,902:			23.6	35,871	42.3	53,367
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902:			0.8	1,219	1.4	1,813
Grade 2. Range \$1,440 to \$1,770:			5.5	8,283	10.2	12,322
Unclassified			1.1	805	1.7	1,198
Total permanent, field			259.9	589,680	447.8	877,258
Temporary employment, field			0.6	945	0.9	1,418
Part-time employment, field					0.2	263
Overtime pay, field				18,465		211,137
Additional pay for foreign service, field				147,656		187,340
All personal services, field			260.5	756,746	448.9	1,277,416
01 Personal services (net)			290.1	857,096	505.5	1,455,901
<b>OTHER OBLIGATIONS</b>						
02 Travel				28,758		44,143
03 Transportation of things				1,435		2,199
04 Communication services				25,268		38,781
05 Rents and utility services				10,568		16,203
06 Printing and binding				3,503		5,386
07 Other contractual services				4,124		6,325
08 Supplies and materials				12,580		19,300
09 Equipment				3,998		6,132
11 Grants, subsidies, and contributions				31,661,003		72,449,208
Total other obligations				31,751,237		72,587,677
Grand total obligations				32,608,333		74,043,578
Receipts and inventories				-31,661,003		-72,449,208
Allotted to "Salaries and expenses, Office of Information, Department of Agriculture"				+2,500		
Prior year balance available in 1945						-33,333,590
1945 balance available in 1946				-31,738,596		+31,738,596
Covered into Treasury as miscellaneous receipts, Public Law 529						+624
Estimated refund available for return to the general fund of the Treasury				+3,288,766		
Estimated savings, unobligated balance				27,500,000		
Total estimate or appropriation						

**Foreign War Relief (Allotment to Agriculture, Office of the Secretary) (Production and Marketing Administration)—**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>Purchase and distribution of agricultural commodities for refugee relief</i>			
11 Grants, subsidies, and contributions			\$2,255,858
Prior year balance available in 1945			-3,505,858
Estimated savings, unobligated balance			1,250,000
Total estimate or appropriation			



## PRODUCTION AND MARKETING ADMINISTRATION— Continued

NOTE.—Executive Order 9630 of September 27, 1945, which abolished the Foreign Economic Administration, transferred to the Department of Agriculture "the functions of the Office of Foreign Food Programs and all other functions of the Administration with respect to food (as defined in paragraph 10 of Executive Order 9280 of December 5, 1942), food machinery, and other food facilities." The following three schedules show the amounts transferred pursuant to this order:

### Salaries and Expenses, Foreign Economic Administration (Transfer to Agriculture, Foreign Food Programs)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Obligations		\$55,404	
Received by transfer from "Salaries and expenses, Foreign Economic Administration"		—55,404	
Total estimate or appropriation			

### Penalty Mail Costs, Foreign Economic Administration (Transfer to Agriculture, Foreign Food Programs)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
04. Payment for penalty mail.		\$100	
Received by transfer from "Penalty mail costs, Foreign Economic Administration"		—100	

### Administrative Expenses, Reconstruction Finance Corporation (U. S. C. C.) (Transfer to Agriculture, Foreign Food Programs)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Obligations		\$400,000	
Received by transfer from "Administrative expenses, Reconstruction Finance Corporation (United States Commercial Company)"		—400,000	
Total estimate or appropriation			

### Working Funds, Agriculture, Production and Marketing Administration—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>			
Clerical, administrative, and fiscal service:	Man- years	Total salary	Man- years
Grade 13. Range \$6,230 to \$7,070:			Total salary
Administrative officer	0.5	\$3,115	
Marketing specialist	0.5	3,115	0.7 \$4,114
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer	0.5	2,590	0.7 3,377
Grade 11. Range \$4,300 to \$5,180:			
Administrative officer	0.5	2,150	
Marketing specialist	0.5	2,235	1.1 4,340
Organization analyst			2 7,807
Grade 9. Range \$3,640 to \$4,300:			
Administrative officer	0.5	1,820	
Budget analyst			1.4 4,699
Commercial specialist			0.5 1,669
Personnel technician	0.5	1,820	1.7 5,735
Grade 7. Range \$2,980 to \$3,640:			
Grade 6. Range \$2,650 to \$3,310:	3.5	10,430	0.4 1,101
Grade 5. Range \$2,320 to \$2,980:	1	2,650	1.8 4,900
Grade 4. Range \$2,100 to \$2,496:	11.5	28,264	13.5 28,499
Grade 3. Range \$1,902 to \$2,298:	18	38,862	14.3 26,553
Grade 2. Range \$1,704 to \$2,100:	15	29,121	16.4 26,993
Grade 1. Range \$1,506 to \$1,902:	5	9,010	6.5 9,667
Professional service:	1	1,542	0.5 640
Grade 3. Range \$3,640 to \$4,300:			
Chief, engineering section	1	3,860	
Grade 2. Range \$2,980 to \$3,640:	2.5	7,780	3.2 8,429
Grade 1. Range \$2,320 to \$2,980:			0.4 802
Subprofessional service:			
Grade 6. Range \$2,320 to \$2,980:			
Grade 5. Range \$2,100 to \$2,496:	5	12,480	3 6,100
Grade 4. Range \$1,902 to \$2,298:	5	10,724	5.6 10,401
Grade 3. Range \$1,704 to \$2,100:	9	17,433	6.2 9,904
Grade 2. Range \$1,506 to \$1,902:	1.6	2,556	1.9 2,648
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902:	0.5	786	0.5 646
Grade 2. Range \$1,440 to \$1,770:	1	1,572	1.5 1,951
Total permanent, departmental	84.1	193,915	83.8 170,975
Temporary employment, departmental			1 217
Overtime pay, departmental			6,908 38,913
All personal services, departmental	84.1	200,823	84.8 211,105

By objects	Obligations			
	Estimate, 1947		Estimate, 1946	
	Man- years	Total salary	Man- years	Total salary
<b>PERSONAL SERVICES, FIELD</b>				
Clerical, administrative, and fiscal service:				
Grade 13. Range \$6,230 to \$7,070:			0.5	\$3,115
Marketing specialist				
Grade 12. Range \$5,180 to \$6,020:			0.5	2,590
Chief of section			2	10,538
Marketing specialist				4.4 \$20,375
Grade 11. Range \$4,300 to \$5,180:			0.5	2,150
Employment officer			1	4,368
Marketing specialist				7 26,737
Training officer			0.5	2,150
Grade 9. Range \$3,640 to \$4,300:				
Marketing specialist			7	25,712
Grade 7. Range \$2,980 to \$3,640:			4.3	12,924
Grade 6. Range \$2,650 to \$3,310:				0.7 1,725
Grade 5. Range \$2,320 to \$2,980:			2.3	5,374
Grade 4. Range \$2,100 to \$2,496:			6	12,750
Grade 3. Range \$1,902 to \$2,298:			10.3	19,882
Grade 2. Range \$1,704 to \$2,100:			3.3	5,689
Grade 1. Range \$1,506 to \$1,902:			0.3	452
Professional service:				
Grade 3. Range \$3,640 to \$4,300:				
Grain technologist			0.3	1,092
Grade 2. Range \$2,980 to \$3,640:				
Subprofessional service:				
Grade 6. Range \$2,320 to \$2,980:			0.7	1,624
Grade 4. Range \$1,902 to \$2,298:			1.2	2,282
Grade 3. Range \$1,704 to \$2,100:			0.3	511
Total permanent, field			41	113,203
Temporary employment, field			0.4	1,200
Overtime pay, field				10,237
Night-work differential, field				15
Additional pay for foreign service, field				910
All personal services, field			41.4	125,565
01. Personal services (net)			125.5	326,388
<b>OTHER OBLIGATIONS</b>				
02. Travel				5,800
03. Transportation of things				3,423
04. Communication services				350
07. Other contractual services				1,178,143
08. Supplies and materials				58,944
Total other obligations				1,246,660
Grand total obligations				1,573,048
Reimbursements for services performed				—23,917
Advanced from—				
Commodity Credit Corporation				—35,000
Navy Department				—414,000
War Department				—1,975,955
Office of Price Administration				—45,000
1945 balance available in 1946				—204,048
Estimated savings, unobligated balance				43,210
Total estimate or appropriation				
<b>BY PROJECTS OR FUNCTIONS</b>				
1. Inspection and grading of peanuts (Commodity Credit Corporation)				\$3,423
2. Investigation of methods of caring for grain in storage (Commodity Credit Corporation)			\$199	942
3. Inspection and grading of farm products (Navy Department)			318,826	358,970
4. Inspection of processed fruits and vegetables (War Department)			876,056	1,460,996
5. Inspection of miscellaneous grain and cereal products (War Department)			103,000	126,294
6. Preparation of photographic reproductions for central film library (War Department)			28,602	46,045
7. Indexing and preparation of aerial photographs for mosaics and charting purposes (Army Air Forces)			189,602	80,228
8. Grading and certification of farm products (Office of Price Administration)			19,703	25,297
9. Work in connection with planning and developing a method of procuring sample agricultural data in connection with program of reconversion statistics (Bureau of the Census)			19,915	22,498
10. Services performed for other agencies				20,330
11. Overtime pay			17,145	101,591
Grand total obligations			1,573,048	2,246,614
Adjustments (see objects schedule for detail)			—1,573,048	—2,246,614
Total estimate or appropriation				

Total, Production and Marketing Administration, general and special accounts:

Estimate 1947, \$452,487,100

Appropriated 1946, \$550,642,872

Revised 1946, \$551,917,498



## Trust accounts:

## Moisture Content and Grade Determinations—

This fund is advanced from Commodity Credit Corporation funds for paying expenses incurred in inspecting, sampling, grading, sealing, testing, and other work incident to the storing of agricultural commodities and making loans thereon under the commodity loan programs. Moisture tests are final factors in determining grades, and therefore loan eligibility of the harvested crop offered as collateral security for loans.

Estimate 1947, \$1,771,029      Appropriated 1946, \$1,000,000  
Revised 1946, \$750,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
08 Supplies and materials.....	\$6,000	\$6,000	\$2,303
Transferred to—			
“Administrative expenses, sec. 392, Agricultural Adjustment Act of 1938”.....	+731,032	+739,399	+100,000
“Local administration, sec. 388, Agricultural Adjustment Act of 1938”.....	+1,125,000	+1,024,423	+447,280
Prior year funds available in 1945.....			-919,789
1945 funds available in 1946.....		-1,110,875	+1,110,875
1946 funds available in 1947.....	-91,053	+91,053	
Total estimate or appropriation.....	1,771,029	750,000	740,669

## Indemnity Fund, County Associations—

This trust account is derived from assessments made against each county agricultural conservation association to insure the United States of America, the county agricultural conservation association, and any other agencies or persons deemed to be entitled to reimbursement for losses of money or any other property caused by negligence or willful malfeasance of an officer or employee of the association.

Estimate 1947, \$10,000      Appropriated 1946, \$0  
Revised 1946, \$10,000

13 Refunds, awards, and indemnities: Obligations—1947, \$10,000; 1946, \$10,000; 1945, \$14,165.

## Undistributed Cotton Price Adjustment Payments—

The 1935 cotton price adjustment payment for a farm was made to one person in trust for all producers on such farm who were entitled to share in the payment. In the event the trustee could not for any reason make distribution to any person entitled to share in the payment, this person's share was required to be refunded to the United States to be deposited into this trust fund until such time when proper distribution could be made.

Estimate 1947, \$500      Appropriated 1946, \$1,000  
Revised 1946, \$500

13 Refunds, awards, and indemnities: Obligations—1947, \$500; 1946, \$500; 1945, \$534.

## Proceeds, Distilled Spirits Industry—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Prior year funds available in 1945.....			-\$1,142,447
1945 funds available in 1946.....		-\$1,142,447	+1,142,447
1946 funds available in 1947.....	-\$1,142,447	+1,142,447	
1947 funds available in 1948.....	+1,142,447		
Total estimate or appropriation.....			

## Expenses and Refunds, Inspection and Grading of Farm Products—

Under authority of the Agricultural Appropriation Act, the Secretary provides an inspection and grading service for farm products upon the application of an interested party. This service is supported in part by the appropriation “Market inspection of farm products”, and in part by fees charged for the service. These fees are covered into the Treasury as a special trust fund and are appropriated and made available for the payment of refunds and expenses in connection with the work provided for under cooperative agreements. (5 U. S. C. 511, 512; 7 U. S. C. 581-589; Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$5,715,000      Appropriated 1946, \$4,400,000  
Revised 1946, \$6,936,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
PERSONAL SERVICES, DEPARTMENTAL						
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:						
Marketing specialist.....	1	\$5,390	1	\$5,390	0.9	\$4,181
Administrative officer.....	1	5,180	1	5,180		
Accountant.....	2	10,360	2	10,360		
Grade 11. Range \$4,300 to \$5,180:						
Accountant.....	2	9,700	3	13,869		
Administrative officer.....					0.9	3,454
Marketing specialist.....	0.7	3,457	0.7	3,457	0.8	3,454
Grade 9. Range \$3,640 to \$4,300:						
Accountant.....	5	18,970	7	26,038		
Administrative assistant.....	1	3,970	2	7,606		
Marketing specialist.....	1	3,860	1	3,801	0.7	2,333
Grade 7. Range \$2,980 to \$3,640.....	12	38,400	16	49,968	0.9	2,453
Grade 6. Range \$2,650 to \$3,310.....	1	3,090	1	3,082		
Grade 5. Range \$2,320 to \$2,980.....	14.3	35,189	18.3	44,169	1.4	2,868
Grade 4. Range \$2,100 to \$2,496.....	27.8	61,864	31.8	69,491	2.5	4,580
Grade 3. Range \$1,902 to \$2,298.....	25	52,434	27	56,048	4.4	7,505
Grade 2. Range \$1,704 to \$2,100.....	14	25,110	16	28,166	0.8	1,256
Grade 1. Range \$1,506 to \$1,902.....	3	5,046	3	4,940		
Professional service:						
Grade 4. Range \$4,300 to \$5,180:						
Poultry pathologist.....	1	4,300	1	4,300		
Grade 3. Range \$3,640 to \$4,300:						
Poultry pathologist.....					0.9	3,454
Grade 2. Range \$2,980 to \$3,640.....					2	5,251
Subprofessional service:						
Grade 4. Range \$1,902 to \$2,298.....	1	1,902	1	1,902	0.9	1,472
Grade 3. Range \$1,704 to \$2,100.....					0.6	863
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902.....	10	17,172	15	24,823	0.7	933
Grade 2. Range \$1,440 to \$1,770.....	5	7,530	5	7,405	0.7	848
Total permanent, departmental.....	127.8	312,924	152.8	369,995	19.1	44,905
Temporary employment, departmental.....				11,000	0.7	1,013
Overtime pay, departmental.....						9,058
All personal services, departmental.....	127.8	312,924	152.8	380,995	19.8	54,976
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Marketing specialist.....					0.9	5,081
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer.....	1	5,180	1	5,180		
Officer in charge.....	1	5,810	1	5,648	1	5,000
Marketing specialist.....	3	16,800	3	16,800	3.4	16,950
Grade 11. Range \$4,300 to \$5,180:						
Inspector.....	1	4,520	1	4,385	3	11,450
Marketing specialist.....	7	31,640	8	35,494	7.4	29,580
Officer in charge.....	2	7,120	2	7,120	2	7,815
Regional supervisor.....	21.1	92,494	21.1	92,291	19	72,263
Supervisor-grader.....	2	9,040	2	9,023	1.5	5,777
Grade 9. Range \$3,640 to \$4,300:						
Area supervisor.....	38.6		43.6		33	
Poultry inspector.....	45	153,616	48	170,683	33	111,833
Fiscal accountant.....	1	175,790	1	185,788		144,637
Marketing specialist.....	50.5	3,750	60.5	3,716	78.3	
Meat grader.....	15	192,125		227,819		252,633
Grade 7. Range \$2,980 to \$3,640.....	680	56,140	716	55,847	7	22,705
Grade 6. Range \$2,650 to \$3,310.....		2,134,860		2,226,825		1,841,561
Grade 5. Range \$2,320 to \$2,980.....		1,276		1,263		1,2383
Grade 4. Range \$2,100 to \$2,496.....	190.8	464,656	205.8	493,511	167.9	337,867
Grade 3. Range \$1,902 to \$2,298.....	130	35.4	137	84,019	21.2	38,156
Grade 2. Range \$1,704 to \$2,100.....		276,036		286,166		189,073
Grade 1. Range \$1,506 to \$1,902.....	90.2	159,852	96.2	168,367	81.8	118,636
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Chemist.....	1	5,600	1	5,544		
Grade 4. Range \$4,300 to \$5,180:						
Chemist.....	1	4,300	1	4,300		
Grade 3. Range \$3,640 to \$4,300:						
Inspector.....	0.3	1,039	0.3	1,039		
Grade 2. Range \$2,980 to \$3,640.....	9	28,690	9	28,367	7	18,851
Grade 1. Range \$2,320 to \$2,980.....	20	48,270	20	47,591	28	57,461
Subprofessional service:						
Grade 7. Range \$2,650 to \$3,310.....	1	2,870	1	2,870		
Grade 5. Range \$2,100 to \$2,496.....	3	6,498	3	6,391	2.8	5,045
Grade 4. Range \$1,902 to \$2,298.....	1	1,968	1	1,950	0.8	1,324
Grade 3. Range \$1,704 to \$2,100.....	3	5,310	3	5,260	2.6	3,790
Grade 2. Range \$1,572 to \$1,968.....	4	6,684	4	6,684	5	7,259
Crafts, protective, and custodial service:						
Grade 2. Range \$1,440 to \$1,770.....	2	3,078	2	3,048	1	1,222
Unclassified.....	112.6		124.6		146.6	
Total permanent, field.....	1,475.2	4,236,423	1,574.2	4,476,215	1,483.3	3,617,215
Temporary employment, field.....		3.5		4,200	10	16,842
W. A. E. employment, field.....		67.6		77.5		82.6
Overtime pay, field.....		183,320		210,375		217,731
Night-work differential, field.....				212,000		759,894
		25,990		25,990		



**PRODUCTION AND MARKETING ADMINISTRATION—Con.**  
**Expenses and Refunds, Inspection and Grading of Farm Products,**  
**Production and Marketing Administration—Continued**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Additional pay for foreign service, field.....	\$770	\$763	\$763
All personal services, field.....	1,546.3 4,450,703	1,655.2 4,929,543	1,575.9 4,612,445
01 Personal services (net).....	1,674.1 4,763,627	1,808 5,310,538	1,595.7 4,667,421
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	830,000	850,000	866,062
03 Transportation of things.....	15,000	16,000	15,912
04 Communication services.....	84,000	94,600	73,832
05 Rents and utility services.....	62,000	64,150	60,780
07 Other contractual services.....	265,000	277,500	261,020
08 Supplies and materials.....	110,000	123,850	101,210
09 Equipment.....	50,000	55,500	28,693
Total other obligations.....	1,416,000	1,481,600	1,407,509
Grand total obligations.....	6,179,627	6,792,138	6,074,930
Reimbursements for services performed.....			-1,319,972
1945 funds available in 1946.....		-1,588,457	+1,588,457
1946 funds available in 1947.....	-1,732,319	+1,732,319	
1947 funds available in 1948.....	+1,267,692		
Total estimate or appropriation.....	5,715,000	6,936,000	6,343,415

**Grading of Agricultural Commodities—**

This fund is advanced from Commodity Credit Corporation funds and appropriated for the classification of cotton and the grading of wool in connection with loans and purchases made from Commodity Credit Corporation funds.

Estimate 1947, \$675,000

Appropriated 1946, \$623,168  
 Revised 1946, \$660,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Clerical, administrative, and fiscal service: Grade 12. Range \$5,180 to \$6,020: Assistant chief, wool grading.....	1 \$5,390	1 \$5,390	0.9 \$4,502
Grade 11. Range \$4,300 to \$5,180: Marketing specialist.....	1 3,090	1 3,014	0.9 3,719
Grade 7. Range \$2,980 to \$3,640.....	2 4,662	2 4,626	0.9 1,762
Grade 4. Range \$2,100 to \$2,496.....	1 2,034	1 1,984	0.6 1,010
Grade 3. Range \$1,902 to \$2,298.....			
Professional service: Grade 4. Range \$4,300 to \$5,180: Wool technician.....	1 4,520	1 4,520	
Grade 2. Range \$2,980 to \$3,640.....	1 3,200	1 3,200	1.1 3,251
Grade 1. Range \$2,320 to \$2,980.....	1 2,320	1 2,320	0.9 1,957
Crafts, protective, and custodial service: Grade 3. Range \$1,572 to \$1,902.....	2 3,342	2 3,306	2 2,642
Total permanent, departmental.....	10 28,558	10 28,360	7.3 18,843
Overtime pay, departmental.....		660	3,546
All personal services, departmental.....	10 28,558	10 29,020	7.3 22,389

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Clerical, administrative, and fiscal service: Grade 14. Range \$7,175 to \$8,225: Wool appraiser.....	1 \$7,437	1 \$7,347	1 \$6,500
Grade 13. Range \$6,230 to \$7,070: Wool appraiser.....	7 45,080	7 44,295	6.2 34,748
Grade 12. Range \$5,180 to \$6,020: Wool appraiser.....	20 107,800	20 105,941	23.1 106,139
Grade 11. Range \$4,300 to \$5,180: Chief area administrative services officer.....	1 4,520	1 4,520	
Marketing specialist.....			6.7 25,963
Personnel officer.....			0.6 2,533
Specialist in cotton classing.....			2.8 10,467
Wool sampler.....	2.5 10,750	2.5 10,750	
Grade 9. Range \$3,640 to \$4,300: Administrative assistant.....			0.4 1,333
Assistant chief area administrative services officer.....	0.8 2,973	0.8 2,885	
Grade 7. Range \$2,980 to \$3,640.....			1 2,747
Grade 5. Range \$2,320 to \$2,980.....	4.5 11,045	4.5 10,812	0.4 750
Grade 4. Range \$2,100 to \$2,496.....	14.7 32,030	14.7 31,442	6.3 11,563
Grade 3. Range \$1,902 to \$2,298.....	9.1 17,903	9.1 17,530	2.7 4,297
Grade 2. Range \$1,704 to \$2,100.....	4.2 7,397	4.2 7,333	5.2 7,488
Professional service: Grade 2. Range \$2,980 to \$3,640.....	1 3,090	1 3,090	1.5 3,900
Grade 1. Range \$2,320 to \$2,980.....	2 4,860	2 4,847	4.3 8,572
Crafts, protective, and custodial service: Grade 3. Range \$1,572 to \$1,902.....	1 1,638	1 1,592	5.9 7,881
Total permanent, field.....	68.8 256,523	68.8 252,384	68.1 234,881
Temporary employment, field.....	126.2 293,323	94.1 218,800	85.6 215,726
W. A. E. employment, field.....	16.6 71,592	16.6 71,592	16.9 64,154
Overtime pay, field.....		3,927	64,760
All personal services, field.....	211.6 621,438	179.5 546,703	170.6 579,521
01 Personal services (net).....	221.6 649,996	189.5 575,723	177.9 601,910
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	100,100	97,800	103,881
03 Transportation of things.....	4,000	4,000	2,290
04 Communication services.....	8,250	7,650	8,050
05 Rents and utility services.....	13,000	12,930	19,225
07 Other contractual services.....	4,750	4,650	4,469
08 Supplies and materials.....	5,600	5,000	4,080
09 Equipment.....	5,000	5,400	1,235
Total other obligations.....	140,700	137,430	143,230
Grand total obligations.....	790,696	713,153	745,140
Prior year funds available in 1945.....			-197,989
1945 funds available in 1946.....		-168,849	+168,849
1946 funds available in 1947.....	-115,696	+115,696	
Total estimate or appropriation.....	675,000	660,000	716,000
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Classification of cotton.....	\$332,139	\$253,456	\$281,564
2. Grading of wool.....	458,557	455,110	395,270
3. Overtime pay.....		4,587	68,306
Grand total obligations.....	790,696	713,153	745,140
Adjustments (see objects schedule for detail).....	-115,696	-53,153	-29,140
Total estimate or appropriation.....	675,000	660,000	716,000

Total, Production and Marketing Administration, trust accounts:

Estimate 1947, \$8,171,529

Appropriated 1946, \$6,024,168  
 Revised 1946, \$8,356,500

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

**PRODUCTION AND MARKETING ADMINISTRATION**

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Administrative expenses, section 392, Agricultural Adjustment Act of 1398.						1	\$200	For transportation of officials of the Production and Marketing Administration on official business in the District of Columbia.
Salaries and expenses, Marketing Services:								
Market news service.....	2	\$2,100	2	\$600	\$1,500	2	800	For the use of market reporters engaged in gathering and disseminating news on market conditions for various farm crops and livestock in important markets and producing areas.
Market inspection of farm products.....	8	8,400	8	2,400	6,000	30	8,740	For the use of inspectors and supervisors engaged in the inspection and grading of farm products throughout the United States to facilitate the orderly marketing of these products



Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947—Continued

## PRODUCTION AND MARKETING ADMINISTRATION—Continued

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Marketing Services—Continued.								
Marketing farm products.....	7	\$7,350			\$7,350	2	\$1,525	For the use of employees of the cotton-ginning laboratory at Stoneville, Miss., in working with cooperating cotton ginner, cotton plantation, and cotton compress operators. For the use of agricultural economists, cotton technologists, and ginning technicians in connection with studies of marketing methods and cotton ginning; also 1 car in the District of Columbia for use by the Administrator of Production and Marketing Administration and his staff.
Tobacco acts.....	6	6,300	6	\$1,800	4,500	11	4,420	For the use of inspectors and supervisors in inspecting and grading tobacco sold on auction markets and in supervising the demonstration and training work on tobacco.
Perishable Agricultural Commodities, Produce Agency, and Standard Container Acts.	6	6,300	3	900	5,400	2	1,946	For the use of marketing specialists in expediting the handling of violations and complaints and in checking establishments to insure that they are complying with the licensing provisions of the act.
Cotton Statistics, Classing, Standards, and Futures Acts.	9	9,450	9	2,700	6,750	24	8,212	For the use of employees in traveling to cotton gins, supervising cotton classers, inspecting the sampling of cotton, and in gathering data on market conditions, supplies, prices, etc., in carrying out the provisions of the acts administered under this item.
United States Grain Standards Act.	19	19,950	19	5,700	14,250	46	13,283	For the use of grain supervisors and samplers engaged in the supervision of grain grading.
United States Warehouse Act....	31	32,550	31	9,300	23,250	26	9,028	For the use of Federal warehouse examiners engaged in the inspection of licensed warehouses or warehouses for which application for license has been filed under the United States Warehouse Act.
Packers and Stockyards Act.....	3	3,150	3	900	2,250	8	2,332	For the use of marketing specialists visiting posted stockyards and designated live poultry markets for the purpose of administering the provisions of the Packers and Stockyards Act.
Naval Stores Act.....	1	1,050	1	300	750	5	1,050	For the use of inspectors in grading rosin in producing areas and inspecting naval stores operations to insure compliance with the act.
Insecticide Act.....	3	3,150	3	900	2,250	5	1,975	For the use of inspectors in visiting establishments where insecticides are prepared, stored, or sold to insure compliance with the act, and for use in collecting insecticide samples for testing purposes.
Meat inspection.....	5	5,250	5	1,500	3,750	40	9,000	For the use of inspectors traveling between meat packing establishments in performing inspection work under the Federal Meat Inspection Act.
Expenses and refunds, inspection and grading of farm products.	18	18,900	18	5,400	13,500	108	41,750	For the use of inspectors engaged in inspecting and grading farm and food products.
Total.....	118	123,900	108	32,400	91,500	310	104,261	

## FARM SECURITY ADMINISTRATION

## LOANS, GRANTS, AND RURAL REHABILITATION

## Loans, Grants, and Rural Rehabilitation, Department of Agriculture—

## Rural Rehabilitation Loans, Department of Agriculture (Advances From Reconstruction Finance Corporation)—

To enable the Secretary [through the War Food Administration] to continue to provide assistance through rural rehabilitation and grants to needy farmers in the United States, its Territories and possessions, including (1) loans to needy individual farmers, (2) grants, (3) making and servicing of loans and grants under this and prior laws, (4) farm debt adjustment service, (5) liquidation as expeditiously as possible of Federal rural rehabilitation projects [under the supervision of the War Food Administration], and (6) servicing and collecting loans made under the provisions of the Act of July 12, 1943, Public Law 140, as amended, [“\$22,357,264” \$24,000,000, [together with not to exceed \$198,000 of the unobligated balance of the appropriation made to carry out the provisions of said Act,] which [sums] sum shall be also available for necessary administrative expenses incident to the foregoing, including personal services in the District of Columbia and elsewhere; not to exceed \$57,000 for employment pursuant to the second sentence of section 706 (a) of the [Act of September 21, 1944 (Public Law 425) Department of Agriculture Organic Act of 1944 (5 U. S. C. 574); purchase of lawbooks, books of reference, periodicals, and not to exceed \$1,000 for newspapers; and printing and binding: *Provided*, That the [War Food Administrator] Secretary shall transmit to the Congress semiannually a progress report with respect to the liquidation of Federal rural rehabilitation projects, under his supervision, showing by name and by States all dispositions of such projects, or parts thereof, together with the amounts of Federal funds expended in the process of liquidation, and any losses incurred in the use of such funds.

In making any grant payments under this Act, the Secretary is authorized to require with respect to such payments the performance

of work on useful public projects, Federal and non-Federal, including work on private or public land in furtherance of the conservation of natural resources, and the provisions of the Act of February 15, 1934 (5 U. S. C. 796), as amended, relating to disability or death compensation, and benefits shall apply to those persons performing such work: *Provided*, That this section shall not apply to any case coming within the purview of the workmen's compensation law of any State, Territory, or possession, or in which the claimant has received or is entitled to receive similar benefits for injury or death.

For additional funds for the purpose of making rural rehabilitation loans to needy individual farmers, who are unable to obtain credit elsewhere at comparable rates for the area where such loan is proposed to be made, the Reconstruction Finance Corporation is authorized and directed to make advances to the Secretary upon his request in an aggregate amount of not to exceed \$67,500,000. Such advances shall be made (1) with interest at not to exceed the rate of 3 per centum per annum payable semiannually; (2) upon the security of obligations acceptable to the Corporation heretofore or hereafter acquired by the Secretary pursuant to law; (3) in amounts which shall not exceed 75 per centum of the then unpaid principal amount of the obligations securing such advances; and (4) upon such other terms and conditions, and with such maturities as the Corporation may determine. The Secretary shall pay to the Corporation, currently as received by him, all moneys collected as payments of principal and interest on the loans made from the amounts so advanced or collected upon any obligations held by the Corporation as security for such advances, until such amounts are fully repaid. The amount of notes, debentures, bonds, or other such obligations which the Corporation is authorized and empowered to issue and to have outstanding at any one time under the provisions of law in force on the date this Act takes effect is hereby increased by an amount sufficient to carry out the provisions of this paragraph.

None of the moneys appropriated or otherwise authorized under this caption “Loans, grants, and rural rehabilitation”, shall be used for (1) the purchase or leasing of land or for the carrying on of any land-purchase or land-leasing program; or (2) the carrying



## FARM SECURITY ADMINISTRATION—Continued

## LOANS, GRANTS, AND RURAL REHABILITATION—Continued

## Loans, Grants, and Rural Rehabilitation, Department of Agriculture—Continued

## Rural Rehabilitation Loans, Department of Agriculture (Advances From Reconstruction Finance Corporation)—Continued

on of any operations in collective farming, or cooperative farming, or the organization, promotions, or management of homestead associations, land-leasing associations, land-purchasing associations, or cooperative land purchasing for colonies of rehabilitants or tenant purchasers, except for the liquidation as expeditiously as possible of any such projects heretofore initiated; or (3) the making of loans to any individual farmer in excess of \$2,500; or (4) the making of loans to any cooperative association; or (5) the making of loans for the payment of dues to or the purchase of any share or stock interest in any cooperative association (except for medical, dental, or hospital services) or for any expenditure other than that deemed necessary, in the discretion of the [Administrator] Secretary, for the production of agricultural commodities.

The Secretary may expend funds administered by him as trustee under the various transfer agreements with the several State rural rehabilitation corporations only for purposes for which funds made available under this caption may be expended, and the limitations applicable to such funds shall also be applicable to the expenditure of such trust funds by the Secretary.

The appropriation and authorizations herein made under the heading "Loans, grants, and rural rehabilitation", shall constitute the total amount to be available for obligation under this heading during the current fiscal year and shall not be supplemented by funds from any source.

【No part of the appropriation herein made under the heading "Loans, grants, and rural rehabilitation", shall be available to pay the compensation of any person appointed in accordance with the civil-service laws.】 (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$24,000,000      Appropriated 1946, \$22,357,264

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL</b>						
Department of Agriculture grades:						
Grade 29. Rate of \$10,000:						
Administrator	1	\$10,000	1	\$10,000	1	\$10,000
Grade 28. Range \$9,800 to \$10,000:						
Associate administrator	1	10,000	1	10,000	1	9,000
Grade 26. Range \$8,750 to \$9,800:						
Assistant administrator	3	27,038	3	27,038	2.1	17,183
Grade 23. Range \$7,175 to \$8,225:						
Director of information	1	7,175	1	7,175	0.3	2,237
Clerical, administrative, and fiscal service:						
Grade 14. Range \$7,175 to \$8,225:						
Chief fiscal officer	1	7,438	1	7,306	1.1	7,308
Director, audit division	1	7,175	0.4	2,870		
Director, project sales division	1	7,438	1	7,394	1	6,500
Special assistant to the Administrator	2	15,400	2	15,400	1.3	9,181
Grade 13. Range \$6,230 to \$7,070:						
Assistant chief fiscal officer	1	6,440	1	6,283	0.8	4,242
Associate chief fiscal officer	1	6,440	1	6,388	1	5,600
Business manager	1	6,230	1	6,230	1.2	6,609
Chief administrative analyst	1	6,230	1	6,230	0.9	5,460
Chief, analysis and sales section	1	6,230	1	6,230	0.9	5,171
Chief, collection and security servicing section	1	6,440	1	6,283	1.2	6,751
Chief personnel officer	1	6,440	1	6,440	1	5,600
Chief, property management section	1	6,440	1	6,300	0.7	3,858
Director, investigation division	1	6,440	1	6,440	0.9	5,410
Health services specialist	1	6,440	1	6,405	1	5,600
Special assistant to the Administrator	1	7,070	1	7,070	1.2	7,344
Grade 12. Range \$5,180 to \$6,020:						
Administrative officer			0.5	2,660	0.7	2,954
Appraiser	1	5,180	0.8	4,317		
Assistant business manager	1	5,180	1	5,180	1.5	6,933
Assistant chief, collection and security servicing section	1	5,390	1.8	9,922	2.1	9,708
Assistant chief, information division					0.6	2,800
Assistant chief personnel officer	1	5,600	1	5,600	1.6	7,618
Assistant chief, property management section	1	5,390	1	5,198	0.9	4,233
Chief, administrative accounting section	1	5,390	1	5,320	1.1	5,175
Chief, administrative supervision section	1	5,390	1	5,390	1	4,650
Chief, audit and planning section	1	5,390	1	5,233	0.9	4,319
Chief, budget and trust section	1	5,180	1	5,180	0.6	2,750
Chief, classification section	1	5,390	1	5,233	0.7	3,258
Chief, employment section	1	5,390	1	5,390	1	4,600
Chief, fund accounting section	1	5,390	1	5,338	1	4,600
Chief, insurance section					0.9	4,300
Chief investigator	1	5,390	1	5,390	0.9	4,344
Chief, loan accounting section	1	5,390	1	5,390	1.1	4,791
Chief, management accounting section	1	5,390	1	5,390	1	4,600
Chief, audit review section	1	5,180	0.2	1,078		
Head, accounting unit					0.8	3,866

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, DEPARTMENTAL—CON.</b>						
Clerical, administrative, and fiscal service—Continued						
Grade 12. Range \$5,180 to \$6,020—Con.						
Joint investment liquidation accountant	1	\$5,390	0.8	\$4,312	0.8	\$3,642
Management analyst	3	15,960	3.2	16,920	1.8	8,032
Grade 11. Range \$4,300 to \$5,180:						
Administrative analyst	1	4,300	0.8	3,404		
Administrative assistant	1	4,410	2	8,820	2.1	8,102
Assistant chief, administrative accounting section	1	4,520	1	4,520	0.9	3,236
Assistant chief, administrative supervision section	1	4,520	1	4,337	0.8	2,839
Assistant chief, audit section			0.7	2,867		
Assistant chief, budget and trust section	1	4,520	1	4,483	1	3,800
Assistant chief, employment section	1	4,520	1	4,373	0.9	3,453
Assistant chief, fund accounting section	2	8,820	2	8,765	2	7,600
Assistant chief investigator	1	4,300	1	4,300	0.8	2,992
Assistant chief, loan accounting section	1	4,520	1	4,520	1	3,800
Assistant chief, management accounting section	1	4,520	1	4,520	0.9	3,483
Assistant chief, personnel classification section	1	4,300	0.8	3,404	0.3	1,108
Assistant corporation trust officer	1	4,520	1	4,355	0.7	2,939
Assistant personnel training officer	1	4,300	0.8	3,404		
Auditor	1	4,300				
Chief, personnel departmental services section	1	4,520	1	4,520	1	3,800
Collection and security servicing officer	1	4,300	0.9	3,942	2.3	8,865
Cooperative accountant	1	4,520	1	4,520	1	3,800
Health services specialist	1	4,300	1	4,300	0.1	211
Management analyst	3	12,900	3.4	15,050	2.5	9,367
Project sales analyst	2	9,040	2	8,746	1.6	5,908
Grade 10. Range \$3,970 to \$4,630:						
Budget analyst					0.8	2,771
Chief, procurement section	1	4,080	1	4,080	1	3,500
Grade 9. Range \$3,640 to \$4,300:						
Accounting supervisor	6	22,610	7	26,251	5.1	16,307
Administrative assistant	2	7,500	2.8	10,837	4.2	13,593
Assistant chief, procurement section	1	3,750	1	3,750	1	3,200
Assistant trust officer					0.4	1,200
Budget analyst	3	11,250	3	10,974	0.9	2,998
Chief, communications and records section	1	3,750	1	3,750	2	6,435
Classification investigator	3	11,470	3	11,330	2.4	7,813
Cooperative accountant	1	3,640	1.2	4,265	2	6,425
Information specialist	1	3,750	1	3,658	2.2	7,106
Insurance specialist					0.9	3,025
Placement and appointment officer	1	3,750	1	3,750	1	3,200
Procedure analyst	3	11,250	3	11,066	1.1	3,600
Project sales analyst	1	3,640	2	7,280		
Supervisor, claims unit	1	3,750	1	3,750	1.3	4,000
Supervisor, cost unit	1	3,750	1	3,750	0.4	1,120
Supervisor, fund control unit	1	3,640	0.8	2,730	0.6	2,000
Supervisor, general service unit	1	3,860	1	3,778	0.2	692
Supervisor, personnel correspondence unit	1	3,750	1	3,750	1	3,200
Supervisor, personnel disciplinary unit	1	3,860	1	3,831	1	3,425
Supervisor, voucher review unit	1	3,750	1	3,732	1	3,200
Grade 8. Range \$3,310 to \$3,970:						
Assistant chief, procurement section	1	3,420	1	3,356	3.8	11,115
Grade 7. Range \$2,980 to \$3,640:						
	36	111,790	37.2	114,069	36.5	95,790
Grade 6. Range \$2,650 to \$3,310:						
	6	16,890	6	16,680	8.6	20,343
Grade 5. Range \$2,320 to \$2,980:						
	42	102,060	43	101,756	35.3	71,574
Grade 4. Range \$2,100 to \$2,496:						
	64	139,614	66.8	143,233	63.3	115,419
Grade 3. Range \$1,902 to \$2,298:						
	93	183,024	92	178,778	80.5	131,276
Grade 2. Range \$1,704 to \$2,100:						
	3	5,310	3.3	5,676	15.9	23,108
Grade 1. Range \$1,506 to \$1,902:						
	1	1,902	1	1,869	1.7	2,373
<b>Professional service:</b>						
Grade 7. Range \$7,175 to \$8,225:						
Chief engineer	1	7,438	1	7,438	1	6,500
Director, cooperative division	1	7,175	1	7,175	0.8	4,818
Director, rural rehabilitation division	1	7,438	1	7,307	0.9	5,990
Economic adviser					1	6,747
Program director	1	7,175	0.6	4,708		
Grade 6. Range \$6,230 to \$7,070:						
Agricultural economist					2	11,200
Assistant chief, information division	1	6,230	0.7	4,058	0.1	467
Assistant director, cooperative division						
Assistant program director	1	6,440	0.2	1,038	1	5,650
Associate director, rural rehabilitation division	1	6,440	1	6,335	1.9	10,967
Chief, farm and home management section	1	6,440	1	6,440	1	5,700
Chief, group services section	1	6,440	1	6,370	0.8	4,682
Home management adviser	1	6,230	0.8	4,845		
Special assistant to the administrator					0.4	2,358
Grade 5. Range \$5,180 to \$6,020:						
Agricultural economist	1	5,390	1	5,268	0.7	2,990
Architect	1	5,810	1	5,758	1	5,000
Assistant to director, cooperative division			1	5,268	0.9	4,306
Chief, cooperative administration section	1	5,390	1	5,390	1	4,600
Chief, loan servicing section	1	5,390	1	5,390	1	4,600
Chief, program analysis section	1	5,180	0.8	4,748		
Chief, statistics section	1	5,390	1	5,285	0.9	4,408
Engineer	1	5,600	1	5,600	2	9,600



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, DEPARTMENTAL—con.</b>			
Professional service—Continued			
Grade 5. Range \$5,180 to \$6,020—Con.			
Home economist.....	1 \$5,600	1 \$5,600	0.8 \$4,800
Information specialist.....	1 5,180	1 5,180	0.8 3,391
Loan-making specialist.....			0.7 2,982
Supervisor, property maintenance.....			0.9 4,216
Grade 4. Range \$4,300 to \$5,180:			
Assistant chief, analysis section.....	1 4,520	1 4,502	1 3,800
Assistant chief, statistics section.....	1 4,300	0.8 3,762	0.2 654
Chief, equipment control unit.....			0.3 950
Cooperative analyst.....	1 4,740	1 4,625	1 3,871
Information specialist.....	2 8,600	2.3 10,212	0.6 2,153
Grade 3. Range \$3,640 to \$4,300:			
Agricultural economist.....	1 3,640	1.5 5,621	1 3,145
Cooperative analyst.....		0.3 1,250	1.5 5,057
Grade 2. Range \$2,980 to \$3,640.....	2 5,960	2.5 7,653	1.6 4,108
Grade 1. Range \$2,320 to \$2,980.....	2 4,970	2 4,796	1.1 2,275
Crafts, protective, and custodial service:			
Grade 3. Range \$1,572 to \$1,902.....	6 9,828	6.8 10,991	4.1 5,411
Grade 2. Range \$1,440 to \$1,770.....			1 1,236
Total permanent, departmental.....	377 1,212,718	386.5 1,227,445	371.3 1,016,936
Temporary employment, departmental.....	0.3 570	0.3 406	0.1 95
W. A. E. employment, departmental.....			178,905
Overtime pay, departmental.....		26,115	
All personal services, departmental.....	377.3 1,213,288	386.8 1,253,966	371.4 1,195,936
<b>PERSONAL SERVICES, FIELD</b>			
Clerical, administrative, and fiscal service:			
Grade 14. Range \$7,175 to \$8,225:			
Regional director.....	11 86,275	12 93,177	12.2 85,659
Grade 13. Range \$6,230 to \$7,070:			
Assistant regional director.....	10 64,190	11 70,020	9.7 55,245
Finance area manager.....	4 25,760	4 25,725	4 22,500
Grade 12. Range \$5,180 to \$6,020:			
Administrative officer.....	1 5,180	1 5,180	
Area auditor.....	4 21,350	4 21,350	3.8 17,366
Area chief accountant.....	4 21,770	4 21,451	4.1 19,233
Executive assistant.....	10 53,400	10.8 57,727	14.9 68,964
Health services specialist.....	8 42,700	8 42,655	7.4 34,209
Information specialist.....	9 48,510	8.2 44,183	5.7 26,934
Investigator in charge.....	5 28,000	5 27,825	5.4 26,277
Personnel officer.....	8 43,120	10.2 55,488	9.8 46,440
Regional business manager.....	2 10,780	2 10,662	2 9,250
State director.....	41 223,090	42.2 231,753	35.8 168,625
Grade 11. Range \$4,300 to \$5,180:			
Administrative analyst.....	8 35,280	11 48,727	14.9 56,692
Assistant chief, production and loan supervision section.....		1 4,520	1.5 5,858
Assistant investigator in charge.....	4 18,080	4 17,887	3.8 14,508
Associate personnel officer.....	4 17,640	3.7 15,987	3.4 13,064
Auditor.....	10 43,220	2.3 9,693	0.5 2,058
Business analyst.....	6 26,460	7 31,237	6.9 26,410
Chief, accounting section.....	12 54,680	12 54,038	12.3 47,370
Cooperative accountant.....		1 4,410	1 3,800
District supervisor.....		0.5 2,150	1.6 6,587
Health services specialist.....	5 22,160	4.7 20,773	4.1 15,725
Information specialist.....		2 8,987	4.9 18,983
Investigator.....	5 22,050	10 43,734	9.8 37,249
Purchasing and marketing specialist.....	1 4,520	1 4,373	0.3 1,267
Regional business manager.....	7 30,870	8.2 36,379	6.7 25,776
State director.....	2 10,140	2 9,973	5.2 21,479
Grade 10. Range \$3,970 to \$4,630:			0.8 2,771
Assistant chief, accounting section.....			
Grade 9. Range \$3,640 to \$4,300:			
Administrative analyst.....	6 22,610	7 25,727	11.5 36,703
Administrative supervisor.....			3.1 10,130
Auditor.....	17 61,990	4 14,493	1.8 5,846
Budget officer.....	4 15,000	7.2 26,649	6.2 19,724
Business manager.....		0.9 3,337	
Chief, purchase and maintenance section.....	4 15,000	3 11,250	3 9,466
Cooperative accountant.....	2 7,500	2.9 10,883	4 12,735
Field representative.....	1 3,750	1.9 7,087	
Health services specialist.....	1 3,860	1 3,832	1.7 5,475
Information specialist.....		2 7,418	1.3 4,636
Investigator.....	10 38,050	15 55,653	14.7 47,399
Personnel officer.....	2 7,500	3.2 11,648	1.4 4,533
Project supervisor.....			0.5 1,617
Property and supply officer.....	6 22,280	6 22,143	5.4 17,393
State director.....	7 27,240	6.9 26,745	6.8 22,814
Supervisor, audit and certification unit.....	4 15,000	4 14,907	3.6 11,761
Supervisor, control accounts unit.....	8 30,220	8 30,056	7.5 24,173
Supervisor, employees accounting unit.....	4 15,660	4 15,660	4 13,154
Supervisor, machine operations unit.....	4 15,550	4 15,467	4 13,125
Supervisor, project accounting unit.....			1 3,200
Supervisor, reports unit.....	4 14,890	3.2 11,901	3 9,440
Grade 8. Range \$3,310 to \$3,970.....			0.1 1,133
Grade 7. Range \$2,980 to \$3,640.....	120 375,860	122 380,109	121.8 328,383
Grade 5. Range \$2,320 to \$2,980.....	266 653,970	268 650,626	266.6 542,723
Grade 4. Range \$2,100 to \$2,496.....	290 636,852	315 689,139	313.1 571,740
Grade 3. Range \$1,902 to \$2,298.....	2,114 4,160,352	2,244 4,389,342	2,270.4 3,689,991
Grade 2. Range \$1,704 to \$2,100.....	407 709,170	470 810,754	484.8 703,948
Grade 1. Range \$1,506 to \$1,902.....	64 101,334	63.8 99,735	86.1 109,575

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD—continued</b>			
Professional service:			
Grade 6. Range \$6,230 to \$7,070:			
Regional engineer.....			5.4 \$30,634
Grade 5. Range \$5,180 to \$6,020:			
Chief, group services section.....	10 \$54,110	10.2 \$54,817	8.7 40,478
Farm management specialist.....	2 10,570	1.2 6,403	
Home management specialist.....	1 5,390	1 5,390	
Labor relations specialist.....			0.7 3,950
Production and loan supervision officer.....	7 37,310	8.8 46,736	9.8 45,290
Regional engineer.....	11 60,970	11.8 65,042	3 13,860
Regional health services officer.....	2 10,780	2 10,780	1 4,689
Regional rehabilitation supervisor.....	4 21,560	3 16,170	1 4,700
Grade 4. Range \$4,300 to \$5,180:			
Agricultural economist.....	1 4,740	1 4,575	0.8 3,311
Architect.....			4.8 18,588
Assistant chief, group services section.....			
Assistant chief, production and loan supervision section.....	5 23,040	4.9 22,324	
Business analyst.....	1 4,300	1.2 5,205	
District supervisor.....	153 691,560	156 698,244	151.3 579,114
Engineer.....	1 4,740	1 4,740	0.6 2,245
Group services specialist.....		1 4,413	
Home management specialist.....	2 9,920	2 9,920	0.2 1,034
Production and loan supervision officer.....	17 80,360	18.2 84,003	18.9 78,671
Program analyst.....	8 35,720	8 35,683	7.7 29,763
State director.....	1 4,520	1 4,428	1 3,894
Water facilities specialist.....		1 4,300	0.7 2,816
Grade 3. Range \$3,640 to \$4,300:			
Agricultural labor specialist.....			1 3,200
Architect.....			0.1 303
District supervisor.....	42 157,500	45.6 170,089	70.4 228,828
Engineer.....	1 3,860	1 3,860	2.4 7,752
Farm management specialist.....	1 3,750	1 3,750	1.7 5,467
Group services specialist.....	1 3,970	1 3,970	0.8 2,962
Home management specialist.....	62 237,780	57 215,568	37.9 123,730
Production and loan supervision officer.....	14 53,930	14 53,583	16 52,649
Grade 2. Range \$2,980 to \$3,640.....	1,483 4,632,410	1,597 4,964,498	1,643.1 4,270,430
Grade 1. Range \$2,320 to \$2,980.....	1,203 2,923,290	1,281 3,101,000	1,186.2 2,394,312
Subprofessional service:			
Grade 5. Range \$2,100 to \$2,496.....	225 487,350	269.4 577,486	274.8 496,464
Grade 3. Range \$1,704 to \$2,100.....			0.3 372
Grade 2. Range \$1,572 to \$1,968.....			0.1 225
Crafts, protective, and custodial service:			
Grade 6. Range \$2,166 to \$2,562.....	1 2,232	1 2,232	1.3 2,369
Grade 4. Range \$1,770 to \$2,166.....	9 16,722	8.9 16,466	9.1 14,153
Grade 3. Range \$1,572 to \$1,902.....	7 11,598	6.3 10,236	4.8 6,395
Grade 2. Range \$1,440 to \$1,770.....	12 18,204	12 17,915	13.1 16,129
Department of Agriculture grades:			
Grade 23. Range \$7,175 to \$8,225:			
Regional director.....	1 7,438	1 7,263	1.2 7,873
Grade 21. Range \$6,230 to \$7,070:			
Assistant regional director.....	1 6,440	1 6,265	0.6 3,542
Grade 20. Range \$5,180 to \$5,810:			
Chief, rural rehabilitation division.....	1 5,390	1 5,390	0.4 1,725
Personnel officer.....			1 4,650
Grade 19. Range \$4,300 to \$5,070:			
Chief, home management section.....	1 4,520	1 4,392	1.2 4,415
Chief, loan and collection section.....	1 4,300	1 4,300	0.3 1,279
Grade 18. Range \$3,970 to \$4,520:			
Chief accountant.....			0.1 492
Collection and security servicing officer.....			0.7 2,333
District supervisor.....	3 12,240	3 11,965	0.4 1,313
Grade 17. Range \$3,640 to \$4,080:			
Administrative assistant.....	1 3,750	1 3,750	0.4 1,333
Assistant chief, farm ownership section.....	1 3,750	1 3,750	1 3,200
Business analyst.....	1 3,860	1 3,860	1 3,300
Grade 16. Range \$3,420 to \$3,640.....	2 7,170	3 10,599	5 15,110
Grade 15. Range \$3,090 to \$3,310.....	3 9,930	3 9,765	3 8,316
Grade 14. Range \$2,760 to \$2,980.....	6 17,220	7.8 22,412	5.3 12,999
Grade 13. Range \$2,430 to \$2,650.....	35 90,550	35 89,477	35.2 74,882
Grade 12. Range \$2,232 to \$2,320.....	3 6,916	3 6,900	3.1 5,889
Grade 10. Range \$2,034 to \$2,100.....	60 125,802	61 127,488	61.1 107,498
Grade 9. Range \$1,902 to \$1,968.....	2 3,804	2 3,804	
Grade 8. Range \$1,836 to \$1,902.....	20 37,842	20 37,705	23.7 37,494
Grade 6. Range \$1,638 to \$1,704.....	44.4 75,658	40 66,583	19.7 27,338
Grade 5. Range \$1,572 to \$1,638.....	1 1,638	1 1,638	
Grade 4. Rate of \$1,506.....	24 36,144	24 36,144	52.6 66,250
Grade 3. Range \$1,368 to \$1,440.....	2 2,880	2 2,826	
Grade 2. Range \$1,152 to \$1,296.....	2.1 2,467	2 2,373	1.7 1,691
Total permanent, field.....	7,028.5 17,994,758	7,503.1 19,047,100	7,517.3 15,981,820
Temporary employment, field.....	18.6 32,638	20.8 36,403	25.3 31,412
W. A. E. employment, field.....	290.4 433,974	290.4 433,974	121.7 202,163
W. O. C. employment, field.....			6 0
Overtime pay, field.....		510,785	3,394,777
Night-work differential, field.....		3,383	
Additional pay for foreign service, field.....		133,660	109,286
All personal services, field.....	7,337.5 18,596,473	7,814.3 20,165,305	7,670.3 19,719,458
01 Personal services (net).....	7,714.8 19,809,761	8,201.1 21,419,271	8,041.7 20,915,394



## FARM SECURITY ADMINISTRATION—Continued

## LOANS, GRANTS, AND RURAL REHABILITATION—Continued

Loans, Grants, and Rural Rehabilitation, Department of Agriculture—Continued  
Rural Rehabilitation Loans, Department of Agriculture (Advances From Reconstruction Finance Corporation)—Continued

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>OTHER OBLIGATIONS</b>			
02 Travel.....	\$2,412,412	\$2,516,783	\$2,361,943
03 Transportation of things.....	49,500	52,244	65,036
04 Communication services.....	207,000	211,813	216,258
05 Rents and utility services.....	718,700	751,727	675,521
06 Printing and binding.....	92,000	94,000	89,340
07 Other contractual services.....	256,466	257,816	349,537
08 Supplies and materials.....	116,200	120,450	101,427
09 Equipment.....	14,431	1,831	3,176
10 Lands and structures.....	7,500	7,500	-----
11 Grants, subsidies, and contributions.....	250,000	250,000	196,619
16 Investments and loans.....	67,500,000	67,500,000	66,907,653
Total other obligations.....	71,624,209	71,764,164	70,966,510
Grand total obligations.....	91,433,970	93,183,435	91,881,904
Reimbursements for services performed.....	-----	-----	-47,479
Transferred to—			
"Salaries and expenses, Division of Disbursements," Treasury Department.....	+64,557	+70,336	+74,307
"Printing and binding, Division of Disbursements," Treasury Department.....	+863	+863	+947
"Salaries and expenses, Office of Treasurer of the United States".....	+560	+580	+3,390
"Printing and binding, Office of Treasurer of the United States".....	+50	+50	+380
"Salaries and expenses, Office of Information, Department of Agriculture".....	-----	-----	+975
Reappropriation in 1946 of 1945 unobligated balance from "Loans and grants to farmers, flood and windstorm damage".....	-----	-198,000	-----
Received by loan from "Reconstruction Finance Corporation".....	-67,500,000	-67,500,000	-66,907,653
Net total obligations.....	24,000,000	25,557,264	25,006,771
Covered into Treasury as miscellaneous receipts, Public Law 529.....	-----	-----	+14,927
Excess of obligations over appropriation due to Public Law 106.....	-----	-3,200,000	-----
Estimated savings, unobligated balance.....	-----	-----	978,302
Total estimate or appropriation.....	24,000,000	22,357,264	26,000,000
<b>BY PROJECTS OR FUNCTIONS</b>			
Salaries and expenses:			
(a) Making loans; assisting and servicing original loans.....	\$2,672,410	\$2,672,410	\$2,350,000
(b) Collecting; assisting and servicing outstanding loans.....	21,004,060	22,216,625	18,807,193
2. Grants.....	250,000	250,000	196,619
3. Rural rehabilitation projects.....	7,500	7,500	764
4. Loans.....	67,500,000	67,500,000	66,907,653
5. Services performed for other agencies.....	-----	-----	45,993
6. Overtime pay.....	-----	536,900	3,573,682
Grand total obligations.....	91,433,970	93,183,435	91,881,904
Adjustments (see objects schedule for detail).....	-67,433,970	-70,826,171	-65,881,904
Total estimate or appropriation.....	24,000,000	22,357,264	26,000,000

## FARM TENANCY

## Salaries and Expenses, Farm Tenancy, Department of Agriculture—

To enable the Secretary [through the War Food Administration] to carry into effect the provisions of title I of the Bankhead-Jones Farm Tenant Act, approved July 22, 1937 (7 U. S. C. 1000-1006), as follows:

Salaries and expenses: For necessary expenses in connection with the making of loans [under title I of the Bankhead-Jones Farm Tenant Act, approved July 22, 1937 (7 U. S. C. 1000-1006)], and the collection of moneys due the United States on account of loans heretofore made under the provisions of title I of said Act, including the employment of persons and means in the District of Columbia and elsewhere, exclusive of printing and binding, as authorized by said Act, [\$2,500,000] \$2,804,000. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$2,804,000

Appropriated 1946, \$2,500,000

## Loans, Farm Tenancy, Department of Agriculture (Advances From Reconstruction Finance Corporation)—

Loans: For loans to individual farmers in accordance with title I of the Bankhead-Jones Farm Tenant Act, approved July 22, 1937 (7 U. S. C. 1000-1006) said Act and section 505 (b) of the Servicemen's Readjustment Act of 1944 (Public Law 346) 38 U. S. C. 694e (b)), \$50,000,000, including \$25,000,000 for loans to eligible veterans which may be distributed, without regard to the provisions of section 4 of the Bankhead-Jones Farm Tenant Act, among the States and Territories in such amounts as are necessary to make such loans, which sums shall be borrowed from the Reconstruction Finance Corporation at an interest rate of not to exceed 3 per centum per annum and no loan, excepting those to eligible veterans, shall be made in an amount greater than 15 per centum above the census value of the average farm unit of thirty acres and more in the county, parish, or locality where the purchase is made, as determined by the 1940 farm census; and the Reconstruction Finance Corporation is hereby authorized and directed to lend such sum to the Secretary upon the security of any obligations of borrowers from the Secretary under the provisions of title I of the Bankhead-Jones Farm Tenant Act, approved July 22, 1937 (7 U. S. C. 1000-1006): *Provided*, That the amount loaned by the Reconstruction Finance Corporation shall not exceed 85 per centum of the principal amount outstanding of the obligations constituting the security therefor: *Provided further*, That the Secretary may utilize proceeds from payments of principal and interest on any loans made under such title I to repay the Reconstruction Finance Corporation the amount borrowed therefrom under the authority of this paragraph: *Provided further*, That the amount of notes, bonds, debentures, and other such obligations which the Reconstruction Finance Corporation is authorized and empowered to issue and to have outstanding at any one time under existing law is hereby increased by an amount sufficient to carry out the provisions hereof. (Act of May 5, 1945, Public Law 52.)

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL						
Clerical, administrative, and fiscal service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 14. Range \$7,175 to \$8,225:						
Director, farm ownership division.....	1	\$8,225	1	\$8,225	1	\$7,500
Grade 13. Range \$6,230 to \$7,070:						
Assistant director, farm ownership division.....	1	6,440	1	6,300	0.9	5,358
Grade 12. Range \$5,180 to \$6,020:						
Chief, insurance section.....	1	5,390	1	5,390	0.1	400
Grade 11. Range \$4,300 to \$5,180:						
Administrative officer.....	2	8,820	1.7	7,332	1.1	4,267
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	1	3,640	0.8	2,730		
Insurance specialist.....	1	3,860	1	3,860	0.1	275
Grade 5. Range \$2,320 to \$2,980:						
Loan making specialist.....	2	4,970	2	4,915	1	2,100
Grade 4. Range \$2,100 to \$2,496:						
Supervisor, property maintenance.....	4	8,664	4	8,609	3.4	6,075
Grade 3. Range \$1,902 to \$2,298:						
Program analyst.....	1	1,990	1.8	3,461	0.1	140
Grade 1. Range \$1,506 to \$1,902:						
Chief, farm ownership section.....	1	1,836	1	1,820	1	1,455
Professional service:						
Grade 7. Range \$7,175 to \$8,225:						
Assistant director, farm ownership division.....	1	7,438	1	7,219		
Grade 5. Range \$5,180 to \$6,020:						
Loan making specialist.....	1	6,020	1	6,020	0.5	2,533
Loan servicing specialist.....	1	5,600	1	5,495	1	4,800
Supervisor, property maintenance.....	1	5,390	1	5,390	0.1	384
Grade 4. Range \$4,300 to \$5,180:						
Program analyst.....	1	4,520	1	4,520	0.9	3,539
Grade 1. Range \$2,320 to \$2,980:						
Chief, farm ownership section.....	1	2,430	1	2,421	0.7	1,458
Total permanent, departmental.....	21	85,233	21.3	83,707	11.9	40,314
Overtime pay, departmental.....				1,403		6,033
All personal services, departmental.....	21	85,233	21.3	85,110	11.9	46,347
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service:						
Grade 13. Range \$6,230 to \$7,070:						
Assistant regional director.....	3	19,740	3	19,723	3.3	18,915
Grade 12. Range \$5,180 to \$6,020:						
Liquidation specialist.....			1	5,180	0.3	1,150
Grade 9. Range \$3,640 to \$4,300:						
Administrative assistant.....	2	7,720	1.8	7,032	1	3,151
Chief, real property control section.....					0.2	733
Insurance specialist.....	1	3,860	1	3,860	0.7	2,200
Liquidation specialist.....					0.4	1,333
Grade 7. Range \$2,980 to \$3,640:						
Chief, farm ownership section.....	5	15,890	5	15,890	4.8	12,453
Grade 5. Range \$2,320 to \$2,980:						
Loan making specialist.....	10	24,484	11.6	28,425	7.3	14,784
Grade 4. Range \$2,100 to \$2,496:						
Supervisor, property maintenance.....	12	26,652	12	26,465	10.4	18,746
Grade 3. Range \$1,902 to \$2,298:						
Program analyst.....	146	286,587	148.3	290,473	35.7	58,493
Grade 2. Range \$1,704 to \$2,100:						
Chief, farm ownership section.....	46	79,806	46.1	79,499	7.3	10,717
Grade 1. Range \$1,506 to \$1,902:						
Chief, farm ownership section.....	4	6,090	3.7	5,550		
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Chief, farm ownership section.....	6	32,160	7	37,154	5.6	26,494



By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, FIELD—continued						
Professional service—Continued	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Grade 5. Range \$5,180 to \$6,020—Con.						
Chief, loan making section	3	\$15,960	3	\$15,960	5	\$22,999
Chief, loan servicing section	2	10,570	2	10,570	2	9,200
Farm ownership specialist	2	10,570	2	10,518	1	4,600
Grade 4. Range \$4,300 to \$5,180:						
Architect	1	4,300	1	4,300	1.1	4,231
Assistant chief, farm ownership section	5	21,870	5.8	25,147	1.1	4,330
Assistant chief, loan making section	1	4,300	0.9	3,942	1.2	4,583
Assistant chief, loan servicing section	4	17,640	3.8	16,547	1.8	6,975
Farm ownership engineer	6	27,120	6	26,542	9.4	36,690
State farm ownership specialist	35	156,440	34.3	152,418	17.2	66,303
Grade 3. Range \$3,640 to \$4,300:						
Architect	2	7,390	1.9	6,981	0.4	1,334
Farm ownership engineer	42	162,120	42.6	161,423	33.5	110,661
Farm ownership specialist	56	211,320	56	209,937	47.6	154,545
Grade 2. Range \$2,980 to \$3,640	217	676,078	218.1	678,066	71.6	191,637
Grade 1. Range \$2,320 to \$2,980	32	77,790	33.7	81,376	3.6	7,222
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496	12	25,596	12.3	26,230	0.7	1,275
Grade 3. Range \$1,704 to \$2,100					0.6	920
Department of Agriculture grades:						
Grade 17. Range \$3,640 to \$4,080:						
Chief, farm ownership section	1	3,750	1	3,750	1	3,067
Grade 10. Range \$2,034 to \$2,100	1	2,100	1	2,100	1	1,740
Grade 2. Range \$1,152 to \$1,296	1	1,224	1	1,194	0.4	400
Total permanent, field	658	1,939,127	666.9	1,956,252	277.2	801,911
Temporary employment, field					1.1	1,763
W. A. E. employment, field	201.2	191,300	201.2	191,300	63.7	74,835
Overtime pay, field				47,822		172,593
Additional pay for foreign service, field		8,519		8,144		6,599
All personal services, field	859.2	2,138,946	868.1	2,203,518	342	1,057,701
01 Personal services (net)	880.2	2,224,179	889.4	2,288,628	353.9	1,104,048
OTHER OBLIGATIONS						
02 Travel		476,206		478,846		254,451
03 Transportation of things		4,265		3,665		1,250
04 Communication services		15,000		15,222		6,275
05 Rents and utility services		50,000		50,000		34,654
07 Other contractual services		4,500		4,500		2,527
08 Supplies and materials		20,575		20,575		22,500
09 Equipment		6,000				
16 Investments and loans		50,000,000		50,000,000		11,699,846
Total other obligations		50,576,546		50,572,808		12,021,503
Grand total obligations		52,800,725		52,861,436		13,125,551
Reimbursements for services performed						—57
Transferred to—						
“Salaries and expenses, Division of Disbursement, Treasury Department”		+3,231		+3,520		+2,874
“Printing and binding, Division of Disbursement, Treasury Department”		+44		+44		+48
Received by loan from “Reconstruction Finance Corporation”		—50,000,000		—50,000,000		—11,699,846
Net total obligations		2,804,000		2,865,000		1,428,570
Covered into Treasury as miscellaneous receipts, Public Law 529						+835
Excess of obligations over appropriation due to Public Law 106				—365,000		
Estimated savings, unobligated balance						70,595
Total estimate or appropriation		2,804,000		2,500,000		1,500,000
BY PROJECTS OR FUNCTIONS						
1. Salaries and expenses		\$2,800,725		\$2,812,211		\$1,247,027
2. Loans		50,000,000		50,000,000		11,699,846
3. Services performed for other agencies						52
4. Overtime pay				49,225		178,626
Grand total obligations		52,800,725		52,861,436		13,125,551
Adjustments (see objects schedule for detail)		—49,996,725		—50,361,436		—11,625,551
Total estimate or appropriation		2,804,000		2,500,000		1,500,000

## WATER FACILITIES, ARID AND SEMIARID AREAS

## Development of Water Facilities, Arid and Semiarid Areas, Department of Agriculture—

To enable the Secretary to carry into effect the provisions of the Act entitled “An Act to promote conservation in the arid and semiarid areas of the United States by aiding in the development of facilities for water storage and utilization, and for other purposes”, approved August 28, 1937, as amended (16 U. S. C. 590r-590x, 590z-5), \$1,000,000, of which not to exceed \$11,000 may be

expended for personal services in the District of Columbia. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, \$1,000,000

Appropriated 1946, \$1,000,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service:						
Grade 15. Range \$8,750 to \$9,800:						
Assistant administrator	1	\$2,320	0.8	\$1,740	0.3	\$2,125
Grade 5. Range \$2,320 to \$2,980						
Grade 3. Range \$1,902 to \$2,298					0.1	210
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Chief, water facilities section	1	6,440	1	6,440	0.1	460
Total permanent, departmental	2	8,760	1.8	8,180	0.5	2,795
Overtime pay, departmental				111		265
All personal services, departmental	2	8,760	1.8	8,291	0.5	3,060
PERSONAL SERVICES, FIELD						
Clerical, administrative, and fiscal service.						
Grade 4. Range \$2,100 to \$2,496	2	4,398	2	4,327	1.8	3,298
Grade 3. Range \$1,902 to \$2,298	6	11,940	6	11,886	5.4	8,892
Grade 2. Range \$1,704 to \$2,100					0.3	426
Professional service:						
Grade 5. Range \$5,180 to \$6,020:						
Chief, water facilities section	2	10,780	1.9	10,156	0.9	4,190
Water facilities engineer	2	10,780	2	10,780	1	4,700
Water facilities specialist						
Grade 4. Range \$4,300 to \$5,180:						
Chief, water facilities section	1	4,520	1	4,520		
Water facilities engineer	3	13,340	2.9	12,982	5.8	22,201
Water facilities specialist	2	8,600	1.7	7,166	2	7,600
Grade 3. Range \$3,640 to \$4,300:						
Water facilities engineer	9	34,245	9.5	37,019	11.5	37,692
Water facilities specialist	15	57,075	15.1	57,188	10.2	33,113
Grade 2. Range \$2,980 to \$3,640	3	9,360	4	12,470	8.1	21,269
Subprofessional service:						
Grade 6. Range \$2,320 to \$2,980	1	2,430	1	2,338	0.1	250
Total permanent, field	46	167,468	47.1	170,832	47.1	143,631
W. A. E. employment, field	0.2	382	0.3	497	0.1	45
Overtime pay, field				3,589		27,096
All personal services, field	46.2	167,850	47.4	174,918	47.2	170,772
01 Personal services (net)	48.2	176,610	49.2	183,209	47.7	173,832
OTHER OBLIGATIONS						
02 Travel		37,170		40,471		35,625
03 Transportation of things		650		300		314
04 Communication services		870		870		1,206
07 Other contractual services		400		100		95
08 Supplies and materials		2,600		1,550		1,693
09 Equipment		4,500				
16 Investments and loans		777,200		798,500		806,669
Total other obligations		823,390		841,791		845,602
Grand total obligations		1,000,000		1,025,000		1,019,434
Reimbursements for services performed						-2,282
Net total obligations		1,000,000		1,025,000		1,017,152
Covered into Treasury as miscellaneous receipts, Public Law 529						+228
Excess of obligations over appropriation due to Public Law 106				-25,000		
Estimated savings, unobligated balance						7,620
Total estimate or appropriation		1,000,000		1,000,000		1,025,000
BY PROJECTS OR FUNCTIONS						
1. Salaries and expenses		\$222,800		\$222,800		\$183,279
2. Loans		777,200		798,500		806,669
3. Services performed for other agencies						2,125
4. Overtime pay				3,700		27,361
Grand total obligations		1,000,000		1,025,000		1,019,434
Adjustments (see objects schedule for detail)				-25,000		+5,566
Total estimate or appropriation		1,000,000		1,000,000		1,025,000

## Loans and Grants to Farmers, 1945 Flood Damage, 1946 (Farm Security Administration)—

[SEC. 2. Two million dollars of the balance of the appropriation of \$15,000,000 made in the Second Deficiency Appropriation Act, 1943, for 1943 flood restoration loans, is hereby reappropriated and made available until June 30, 1946, to enable the Secretary of Agriculture, in such manner and upon such terms and conditions as he may prescribe, to make loans and grants to farmers whose property has been or may be destroyed or damaged by floods in 1945 and to service loans made under such appropriation in con-



## FARM SECURITY ADMINISTRATION—Continued

## Loans and Grants to Farmers, 1945 Flood Damage, 1946 (Farm Security Administration)—Continued

nection with the 1943 and 1944 floods: *Provided*, That of such amount not to exceed \$300,000 shall be used for grants and not to exceed 10 per centum of the aggregate amounts actually loaned or granted shall be available for administrative expenses. ] (*Act of June 12, 1945, Public Law 82.*)

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Clerical, administrative, and fiscal service:			
Grade 3. Range \$1,902 to \$2,298	24	\$45,714	26.7 \$43,313
Grade 2. Range \$1,704 to \$2,100	2	3,408	1.3 1,920
Professional service:			
Grade 2. Range \$2,980 to \$3,640	23	68,650	31.7 82,594
Grade 1. Range \$2,320 to \$2,980	6	14,030	4.1 8,362
Subprofessional service:			
Grade 5. Range \$2,100 to \$2,496	1	2,100	1.2 2,182
Total permanent, field	56	133,902	65 138,371
Overtime pay, field			29,975
01 Personal services (net)	56	133,902	65 168,346
<b>OTHER OBLIGATIONS</b>			
02 Travel		16,098	16,471
11 Grants, subsidies, and contributions		100,000	18,562
16 Investments and loans		1,750,000	352,358
Total other obligations		1,866,098	387,391
Grand total obligations		2,000,000	555,737
Prior year balance available in 1945			-12,833,323
Reappropriation of 1945 balance for 1946 appropriation "Loans, grants, and rural rehabilitation, Department of Agriculture"			+198,000
Reappropriation of 1945 balance for 1946		-2,000,000	+2,000,000
Estimated savings, unobligated balance			10,079,586
Total estimate or appropriation			
<b>BY PROJECTS OR FUNCTIONS</b>			
1. Salaries and expenses		\$150,000	\$154,842
2. Loans		1,750,000	352,358
3. Grants		100,000	18,562
4. Overtime pay			29,975
Grand total obligations		2,000,000	555,737
Adjustments (see objects schedule for detail)		-2,000,000	-555,737
Total estimate or appropriation			

## Working Fund, Agriculture (Farm Security Administration)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<i>For expenses in connection with the handling and certifying of applications for guaranty of loans for agricultural purposes under the "Servicemen's Readjustment Act of 1944"</i>			
<b>PERSONAL SERVICES, FIELD</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Clerical, administrative, and fiscal service:			
Grade 11. Range \$4,300 to \$5,180:			
Information specialist	4	\$17,200	
W. A. E. employment, field	127.7	185,985	24.6 \$39,065
Overtime pay, field			9,301
01 Personal services (net)		131.7 203,185	24.6 48,366
<b>OTHER OBLIGATIONS</b>			
02 Travel		75,994	48,616
03 Transportation of things			22
04 Communication services		6,200	1,938
06 Printing and binding		1,500	524
07 Other contractual services		200	280
08 Supplies and materials			175
Total other obligations		83,894	51,555
Grand total obligations		287,079	99,921
Advanced from Veterans Administration		-175,000	-212,000
1945 balance available in 1946		-112,079	+112,079
Total estimate or appropriation			

Total, Farm Security Administration, annual appropriations, general account:

Estimate 1947, \$27,804,000

Appropriated 1946, \$25,857,264

## Trust accounts:

## Payments in Lieu of Taxes and for Operation and Maintenance of Resettlement Projects, Farm Security Administration—

Receipts derived from the operation of any resettlement project or any rural rehabilitation project for resettlement purposes are covered into the Treasury and constitute a special trust fund, which shall be available to the Farm Security Administration for payments in lieu of taxes to States, political subdivisions, and local taxing units and for any other expenditures for operation and maintenance (including insurance) of such projects. (40 U. S. C. 431-434.)

Estimate 1947, \$150,000

Appropriated 1946, \$150,000

Revised 1946, \$400,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>PERSONAL SERVICES, FIELD</b>	Man- Total years salary	Man- Total years salary	Man- Total years salary
Clerical, administrative, and fiscal service:			
Grade 13. Range \$6,230 to \$7,070:			
Assistant regional director	1	\$6,440	1 \$5,800
Project liquidation officer			0.7 3,963
Grade 12. Range \$5,180 to \$6,020:			
Project liquidation officer	2	10,570	2.9 15,161
Grade 11. Range \$4,300 to \$5,180:			
Chief, management accounting section	4	17,860	4 17,805
Chief, project sales section	1	4,960	1 4,905
Project liquidation officer	3	13,120	3.1 13,497
Project manager			1 5,180
Grade 9. Range \$3,640 to \$4,300:			
Administrative assistant			1.7 5,767
Project liquidation officer	2	7,610	4 14,817
Project manager			2 8,022
Supervisor, project sales			0.7 2,133
Grade 7. Range \$2,980 to \$3,640:			
Grade 5. Range \$2,320 to \$2,980	4	11,370	13.4 33,471
Grade 4. Range \$2,100 to \$2,496	4	9,017	9.9 21,447
Grade 3. Range \$1,902 to \$2,298	24	49,938	51.8 102,208
Grade 2. Range \$1,704 to \$2,100	4	7,476	10.8 18,868
Grade 1. Range \$1,506 to \$1,902			1.2 1,565
Professional service:			
Grade 5. Range \$5,180 to \$6,020:			
Engineer			0.8 3,642
Project sales supervisor	1	6,020	3 16,188
Grade 4. Range \$4,300 to \$5,180:			
Architect			1 3,950
Assistant chief, project sales			1 4,410
District supervisor, project liquidation			1 4,520
Engineer			1.2 5,557
Project supervisor			1 5,363
Grade 3. Range \$3,640 to \$4,300:			
District supervisor, project liquidation	3	12,240	9.8 36,985
Engineer	1	4,080	1 3,970
Grade 2. Range \$2,980 to \$3,640	10	33,540	30.7 94,651
Grade 1. Range \$2,320 to \$2,980			3.4 8,422
Subprofessional service:			
Grade 7. Range \$2,650 to \$3,310			1 2,760
Grade 6. Range \$2,320 to \$2,980			0.7 1,333
Grade 5. Range \$2,100 to \$2,496			1.8 3,769
Grade 4. Range \$1,902 to \$2,298	1	2,034	1 2,034
Grade 3. Range \$1,704 to \$2,100			2.5 4,326
Crafts, protective, and custodial service:			
Grade 7. Range \$2,364 to \$2,870			1 2,040
Grade 6. Range \$2,166 to \$2,562			4.3 9,509
Grade 5. Range \$1,968 to \$2,364			0.8 1,349
Grade 3. Range \$1,572 to \$1,902			1 1,572
Grade 2. Range \$1,440 to \$1,770			1.1 1,357
Department of Agriculture grades:			
Grade 14. Range \$2,760 to \$2,980			0.5 1,250
Grade 12. Range \$2,232 to \$2,320			1.6 3,023
Grade 10. Range \$2,034 to \$2,100			0.1 72
Grade 4. Rate of \$1,506			2 2,363
Total permanent, field	65	196,275	178.5 497,114
Temporary employment, field			2.4 4,915
W. A. E. employment, field			3.8 4,057
Casual employment, field			2.8 4,250
Overtime pay, field			12,364
Additional pay for foreign service, field			1,677
01 Personal services (net)	65	196,275	183.7 518,643
<b>OTHER OBLIGATIONS</b>			
02 Travel		20,600	44,525
03 Transportation of things		100	100
04 Communication services		725	1,379
05 Rents and utility services		5,400	9,092
07 Other contractual services		10,000	20,120
Payments in lieu of taxes		25,000	85,800
Insurance premiums			1,000
08 Supplies and materials		8,000	17,341
09 Equipment			2,031



By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
OTHER OBLIGATIONS—continued			
13 Refunds, awards, and indemnities.....	\$1,000	\$2,000	\$3,976
Total other obligations.....	70,825	• 181,357	351,109
Grand total obligations.....	267,100	700,000	1,313,515
Reimbursements for services performed.....			-38
Prior year funds available in 1945.....			-1,850,475
1945 funds available in 1946.....		-1,538,313	+1,538,313
1946 funds available in 1947.....	-1,238,313	+1,238,313	
1947 funds available in 1948.....	+1,121,213		
Total estimate or appropriation.....	150,000	400,000	1,001,315

#### State Rural Rehabilitation Corporation Funds, Farm Security Administration—

For State Rural Rehabilitation Corporation Funds, deposited in trust in the Treasury of the United States, and made available for rural rehabilitation purposes within the respective States under individual agreements with Corporation directorates transferring such funds in trust to the Department. (5 U. S. C. 57, 563.)

Estimate 1947, **\$6,000,000**      Appropriated 1946, **\$5,000,000**  
Revised 1946, **\$6,500,000**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, FIELD	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service:						
Grade 12. Range \$5,180 to \$6,020:					0.6	\$2,861
Project liquidation officer.....						
Grade 9. Range \$3,640 to \$4,300:					0.7	2,408
Administrative assistant.....					1.6	4,363
Grade 7. Range \$2,980 to \$3,640.....	1	\$3,090	1.5	\$4,745		
Grade 5. Range \$2,320 to \$2,980.....	14	33,250	8.5	20,445		
Grade 4. Range \$2,100 to \$2,496.....	7	14,700	0.9	1,925	1	1,800
Grade 3. Range \$1,902 to \$2,298.....	80	155,724	54.5	106,862	44.6	72,328
Grade 2. Range \$1,704 to \$2,100.....	8	13,632			0.1	135
Grade 1. Range \$1,506 to \$1,902.....	2	3,144	1.8	2,822		
Professional service:						
Grade 3. Range \$3,640 to \$4,300:						
District supervisor.....	1	3,750	0.9	3,438	1.9	5,933
Engineer.....	1	3,860	1	3,777		
Grade 2. Range \$2,980 to \$3,640.....	60	183,310	39.2	120,551	50.1	130,777
Grade 1. Range \$2,320 to \$2,980.....	28	67,160	16.6	39,992	4.1	8,694
Subprofessional service:						
Grade 5. Range \$2,100 to \$2,496.....					1.8	3,201
Crafts, protective, and custodial service:						
Grade 3. Range \$1,572 to \$1,902.....	1	1,770	1	1,770	1	1,440
Total permanent, field.....	203	483,390	125.9	306,327	107.5	233,940
Temporary employment, field.....					0.1	79
W. A. E. employment, field.....					0.5	725
Casual employment, field.....			0.8	1,100		
Overtime pay, field.....				8,675		50,320
01 Personal services (net).....	203	483,390	126.7	316,102	108.1	285,064
OTHER OBLIGATIONS						
02 Travel.....		43,700		26,454		25,097
03 Transportation of things.....						12
04 Communication services.....		50		25		170
05 Rents and utility services.....		50		56		1,251
07 Other contractual services.....		8,000		8,680		15,768
Payments in lieu of taxes.....		1,500		4,947		18,158
Insurance premiums.....						6,884
08 Supplies and materials.....		5,220		3,270		3,816
13 Refunds, awards, and indemnities.....		110,000		110,466		127,553
16 Investments and loans.....		8,000,000		9,500,000		5,636,506
Total, other obligations.....		8,168,520		9,653,898		5,835,215
Grand total obligations.....		8,651,910		9,970,000		6,120,279
Prior year funds available in 1945.....						-6,913,883
1945 funds available in 1946.....				-9,813,791		+9,813,791
1946 funds available in 1947.....		-6,343,791		+6,343,791		
1947 funds available in 1948.....		+3,691,881				
Total estimate or appropriation.....		6,000,000		6,500,000		9,020,187
BY PROJECTS OR FUNCTIONS						
1. Salaries and expenses.....		\$640,190		\$429,146		\$375,087
2. Rural rehabilitation projects.....		11,720		32,179		58,366
3. Loans.....		8,000,000		9,500,000		5,636,506
4. Overtime pay.....				8,675		50,320
Grand total obligations.....		8,651,910		9,970,000		6,120,279

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Adjustments (see objects schedule for detail).....	-\$2,651,910	-\$3,470,000	+\$2,899,908
Total estimate or appropriation.....	6,000,000	6,500,000	9,020,187

#### Drainage District Assessments on Acquired Lands, Farm Security Administration—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Prior year funds available in 1945.....			-\$25,073
1945 funds available in 1946.....		-\$25,073	+25,073
1946 funds available in 1947.....	-\$25,073	+25,073	
1947 funds available in 1948.....	+25,073		
Total estimate or appropriation.....			

#### Liquidation of Deposits, Reserve for Maintenance and Repair, Lease and Purchase Agreements, Farm Security Administration—

For deposit of funds received by the Farm Security Administration from purchasers of property as deposits to a reserve fund for maintenance and repair of the property, to be held in trust for the purchaser in accordance with the provision of the lease and purchase agreement.

Appropriated 1946, **\$50**  
Revised 1946, **\$100**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
16 Investments and loans (repayment of deposits).....		\$322	\$1,498
Transferred to "Liquidation of deposits, reserve for maintenance and repair, lease and purchase agreements, Federal Public Housing Authority".....		+16,006	
Prior year funds available in 1945.....			-16,808
1945 funds available in 1946.....		-16,228	+16,228
Total estimate or appropriation.....		100	918

#### Liquidation of Deposits, Lease and Purchase Contracts, Farm Security Administration—

For deposit of funds received by the Farm Security Administration from purchasers of property as deposits toward the purchase price, to be held in trust until full payment is made, or until termination is made as to the proper disposition thereof, in accordance with the provisions of the lease and purchase contract.

Estimate 1947, **\$60,000**      Appropriated 1946, **\$120,000**  
Revised 1946, **\$150,000**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
16 Investments and loans (repayment of deposits).....	\$65,000	\$200,000	\$54,987
Transferred to "Liquidation of deposits, lease and purchase contracts, Federal Public Housing Authority".....		+18,276	
Prior year funds available in 1945.....			-32,427
1945 funds available in 1946.....		-77,416	+77,416
1946 funds available in 1947.....	-9,140	+9,140	
1947 funds available in 1948.....	+4,140		
Total estimate or appropriation.....	60,000	150,000	99,976

Total, Farm Security Administration, trust accounts:

Estimate 1947, **\$6,210,000**      Appropriated 1946, **\$5,270,050**  
Revised 1946, **\$7,050,100**



Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## FARM SECURITY ADMINISTRATION

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Loans, grants, and rural rehabilitation.	18	\$18,900	18	\$5,400	\$13,500	67	\$26,250	To be used by regional, State, and other employees engaged in the investigation of applications, making of loans, rendering grant aid, rendering of farm and home management assistance to borrowers, and collecting and servicing of loans under the rural rehabilitation program.
Farm tenancy (title I)-----	8	8,400	8	2,400	6,000	9	4,800	To be used by field staffs in the investigation of applications and farms in connection with the making of farm-tenancy loans. 1 car is assigned to the Washington office for transportation of departmental personnel to and from other governmental offices and elsewhere on official business.
Water facilities, arid and semiarid areas.	6	6,300	6	1,800	4,500	-----	1,350	To be used by field staffs in the investigation of applications, and the rendering of technical advice and guidance to farmers to assure the utmost utilization of existing or new water facilities.
Total-----	32	33,600	32	9,600	24,000	76	32,400	

## RURAL ELECTRIFICATION ADMINISTRATION

To enable the Secretary to carry into effect the provisions of the Rural Electrification Act of 1936, approved May 20, 1936, as amended (7 U. S. C. 901-914) [915], as follows:

## Salaries and Expenses, Rural Electrification Administration, Department of Agriculture—

Salaries and expenses: For administrative expenses and expenses of studies, investigations, publications, and reports including the salary of the Administrator, Rural Electrification Administration, and other personal services in the District of Columbia and elsewhere; purchase and exchange of books, lawbooks, books of reference, directories, and periodicals; not to exceed \$300 \$500 for newspapers; purchase (not to exceed \$1,500), maintenance, repair, and operation of one passenger automobile in the District of Columbia and elsewhere; and not to exceed \$500 for financial and credit reports, \$3,200,000 \$5,000,000.

Salaries and expenses: For an additional amount for "Salaries and expenses", Rural Electrification Administration, fiscal year 1946, including the objects specified under this head in the Department of Agriculture Appropriation Act, 1946, and including \$200 additional for newspapers, \$650,000, together with the unobligated balance of the appropriation made under this head in the First Supplemental Appropriation Act, 1945. (5 U. S. C. 511-512—establishing the Department of Agriculture; 7 U. S. C. 901-915—establishing the Rural Electrification Administration; 5 U. S. C. 573. The foregoing citations apply to all appropriation items under the Administration; Act of May 5, 1945, Public Law 52; Act of July 5, 1945, Public Law 132.)

Estimate 1947, \$5,000,000

Appropriated 1946, \$3,850,000

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service: Grade 14. Range \$7,175 to \$8,225: Chief, finance division-----	1	\$7,438	1	\$7,438	1	\$6,500
Grade 13. Range \$6,230 to \$7,070: Assistant chief, finance division-----	1	6,440	1	6,440	1	5,600
Assistant to deputy administrator-----	1	6,440	1	6,318	0.4	2,333
Chief, information division-----	1	6,440	1	6,440	1	5,700
Chief, personnel division-----	1	6,440	1	6,440	0.9	5,133
Regional head, applications and loans division-----	10	62,300	10	62,300	0.2	1,400
Special assistant to the Administrator-----	1	6,440	1	6,405	0.9	5,133
Grade 12. Range \$5,180 to \$6,020: Administrative officer-----	1	5,390	1	5,390	1	4,600
Administrative liaison officer-----	1	5,180	1	5,180	1	4,600
Assistant chief, personnel division-----	1	5,180	1	5,180		
Assistant regional head, applications and loans division-----	10	52,010	10	51,975		
Chief, management division-----	1	6,020	1	6,020	1	5,400
Head, current information section-----	1	5,390	1	5,390	1	4,650
Head, editorial section-----	1	5,390	1	5,390	1	4,700
Head, planning and allotment control section-----	1	5,390	1	5,390	1.2	5,379
Head, training, safety, and health section-----	1	5,180	1	5,180	0.1	728
Information liaison representative-----	1	5,390	1	5,390	1	4,700
Installation loans specialist-----	1	5,180	1	5,180		

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL—CON.	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Clerical, administrative, and fiscal service—Continued						
Grade 12. Range \$5,180 to \$6,020—Con. Regional head, applications and loans division-----	10	\$53,480	10	\$53,393	10	\$44,516
Regional head, finance division-----	0.5	2,590	0.5	2,590		45,473
Rural industries specialist-----						
Grade 11. Range \$4,300 to \$5,180: Assistant chief, management division-----	1	4,300	0.7	3,225	0.2	633
Assistant head, planning and allotment control section-----	1	4,520	1	4,502	1	3,800
Assistant insurance specialist-----	1	4,300	1	4,300		
Assistant to chief, applications and loans division-----	1	4,300	0.7	3,010		
Assistant to chief, finance division-----	3	13,340	3	13,285	2.4	8,986
Confidential assistant to the Administrator-----					0.2	764
Consultant in cooperative organization and management-----	1	4,960	1	4,850	1	4,200
Employment officer-----	1	4,520	1	4,483	0.5	1,879
Head, classification section-----	1	4,300	1	4,300		
Information assistant-----	1	4,300	1	4,300		
Performance analyst-----	1	4,300	1	4,300	0.2	633
Grade 9. Range \$3,640 to \$4,300: Administrative analyst-----	5	19,300	5	19,135	0.5	1,742
Administrative assistant-----	1	3,640	1	3,640	2	6,500
Assistant head, classification section-----						
Assistant head, training, safety, and health section-----	1	3,750	1	3,713		
Budget officer-----	1	3,750	1	3,750	1	3,200
Head, classification section-----					0.4	1,375
Head, employment section-----					1	3,300
Head, procurement and internal accounting section-----	1	3,860	1	3,860	1	3,300
Head, qualifications and placement section-----					0.8	2,679
Information assistant-----	1	3,750	1	3,667	0.8	2,652
Labor relations analyst-----	1	3,640	1	3,640		
Personnel technician-----	2	7,500	2	7,500		
Regional analyst, finance division-----	10	38,160	10	37,792	9.6	30,674
Regional examiner, applications and loans division-----	7.5	27,300	7.5	27,300		
Training officer-----					0.5	1,487
Grade 7. Range \$2,980 to \$3,640-----	60.9	187,115	57.5	175,659	42.9	111,889
Grade 6. Range \$2,650 to \$3,310-----					2.3	5,283
Grade 5. Range \$2,320 to \$2,980-----	53	128,130	48.2	115,970	35.1	72,061
Grade 4. Range \$2,100 to \$2,496-----	131.5	284,423	127	273,400	107.1	195,041
Grade 3. Range \$1,902 to \$2,298-----	208.7	406,895	185.7	362,307	125.6	205,466
Grade 2. Range \$1,704 to \$2,100-----	65.6	113,979	55.2	95,897	45.6	66,417
Grade 1. Range \$1,506 to \$1,902-----	8.5	12,999	8.5	12,906	7.6	9,532
Professional service: Grade 6. Range \$6,230 to \$7,070: Economic program analyst-----	1	6,230	1	6,230	0.4	2,333
Economist-----	1	6,650	1	6,493	1	5,750
Engineer-----	1	6,230	1	6,230		
Farm equipment specialist-----	0.7	4,672	0.7	4,672		
Farm water system specialist-----	0.7	4,672	0.7	4,672		
Farmstead wiring specialist-----	1	6,230	1	6,230		
Head, acquisition section-----	1	6,230	1	6,230	0.6	3,267
Head, construction cost analysis section-----	1	6,230	0.7	4,672		
Head, consumers' service section-----	1	6,440	1	6,440	1	5,700
Head, distribution section-----	1	6,440	1	6,440	1	5,700
Head, generation and transmission section-----	1	6,650	1	6,545	1	5,800



By objects	Obligations						By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945			Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL—CON.							PERSONAL SERVICES, DEPARTMENTAL—CON.						
Professional service—Continued							Department of Agriculture grades—Con.						
Grade 6. Range \$6,230 to \$7,070—Con.							Grade 24. Range \$7,700 to \$8,750—Con.						
Head, power section	1	\$6,230	1	\$6,230	0.4	\$2,100	Chief, cooperatives operations division	1	\$7,963	1	\$7,722	0.6	\$4,278
Insurance specialist	1	6,440	1	6,283	0.8	4,488	Chief, design and construction division	1	7,700	1	7,700	1.2	8,255
Labor relations specialist	1	6,230	1	6,230	0.3	1,867	Chief, technical standards division	1	7,963	1	7,963	1	7,125
Rate specialist	1	6,230	1	6,230			Grade 23. Range \$7,175 to \$8,225:						
Regional construction engineer	10	64,190	10	64,190	9	55,083	Assistant chief, applications and loans division	2	14,350	2	14,350	0.5	3,250
Regional operations engineer	10	62,510	10	62,510	3.8	21,202	Assistant chief, cooperatives operations division	2	14,613	2	14,613	1.1	6,889
Special assistant to chief of design and construction division	1	6,650	1	6,650	1	5,800	Assistant chief, design and construction division	2	14,613	2	14,613	1	6,500
Grade 5. Range \$5,180 to \$6,020:					0.6	2,700	Assistant chief, technical standards division	1	7,438	1	7,438	1	6,500
Agricultural economist							Grade 22. Range \$6,440 to \$7,490:						
Assistant farm equipment specialist	0.5	2,590	0.5	2,590			Assistant chief, applications and loans division					0.8	4,592
Assistant farm water systems specialist	0.5	2,590	0.5	2,590			Assistant chief, cooperatives operations division					0.6	3,253
Assistant farmstead wiring specialist	0.5	2,590	0.5	2,590			Representative of the Administrator					0.3	1,696
Assistant head, acquisition section	1	5,390	1	5,382			Unclassified:						
Assistant head, construction cost analysis section	1	5,180	0.7	3,885			Administrator	1	10,000	1	10,000	0.8	7,806
Assistant head, generation and transmission section	1	5,390	1	5,390	0.2	958	Total permanent, departmental	870.7	2,713,547	801	2,514,659	566.7	1,495,822
Assistant rate specialist	1	5,390	1	5,390	1	4,650	Temporary employment, departmental					1.2	816
Assistant regional construction engineer	10	51,800	8	41,440			W. A. E. employment, departmental	0.5	6,000	0.5	6,000	0.5	6,645
Chief, home electrification specialist	1	5,180	1	5,180	1	4,600	W. O. C. employment, departmental	1	0	1	0	1	0
Electroagricultural engineer	1	5,390	1	5,390	2.7	12,837	Overtime pay, departmental				38,383		265,447
Engineer	8.9	46,862	4.9	25,960	0.9	4,050	All personal services, departmental	872.2	2,719,547	802.5	2,559,047	569.4	1,768,730
Head, acquisition section							PERSONAL SERVICES, FIELD						
Head, buildings and structures section	1	5,180	1	5,180	0.1	370	Clerical, administrative, and fiscal service:						
Head, consumers' equipment unit							Grade 11. Range \$4,300 to \$5,180:						
Head, cooperative services section							Assistant regional head, finance division	10	44,320	10	43,917	9.5	36,129
Head, equipment standards and performance unit	1	5,390	1	5,373	1	4,600	Field representative	12	55,120	12	54,716	10	38,272
Head, hydro plants unit	1	5,180	1	5,180	0.6	3,125	Power utilization representative	10	43,000	10	43,000		
Head, industrial power section	1	5,600	1	5,495	1	4,800	Grade 9. Range \$3,640 to \$4,300:						
Head, inspection section	1	5,180	0.5	2,590			Field auditor	57	214,080	57	212,644	34.3	111,533
Head, installation loans section					0.2	767	Field representative	47.5	177,630	47.5	176,065	18.5	60,138
Head, internal combustion plants unit	1	5,390	1	5,390	1	4,600	Grade 7. Range \$2,980 to \$3,640	37	112,680	35	105,901	22.7	59,768
Head, labor relations and safety section					0.7	3,067	Grade 5. Range \$2,320 to \$2,980	3	7,400	3	7,280	7.8	15,601
Head, operating problems unit					0.8	3,450	Professional service:						
Head, priorities section					0.7	3,067	Grade 5. Range \$5,180 to \$6,020:						
Head, specifications and drafting unit	1	5,390	1	5,390	1	4,600	Field construction engineer	9.3	48,174	5.7	29,526		
Head, steam plants unit	1	5,180	1	5,180	0.8	3,642	Field engineer	2.3	11,914	2.3	11,914		
Head, surplus war property office	1	5,810	1	5,810	0.4	1,875	Grade 4. Range \$4,300 to \$5,180:						
Head, testing and metering unit	1	5,390	1	5,390	0.9	4,325	Electrical safety promotion adviser	1	4,520	1	4,465	1	3,800
Head, transmission lines unit	1	5,180	1	5,180	1	4,978	Field construction engineer	50.3	220,690	36	157,717	17.6	67,980
Head, wiring and plumbing unit					0.1	575	Field engineer	15	66,040	15	65,802	6.4	24,595
Refrigeration specialist					0.9	4,076	Grade 3. Range \$3,640 to \$4,300:						
Regional operations engineer					5.1	23,758	Field construction engineer	49	180,010	39.3	144,316	10.3	33,440
Grade 4. Range \$4,300 to \$5,180:							Field engineer	13.5	51,560	13.5	50,938	15.1	48,846
Architectural engineer	1	4,300	1	4,300	1	3,950	Home electrification representative	7.5	27,300	7.5	27,300		
Assistant head, construction cost analysis section					0.3	1,108	Total permanent, field	324.4	1,264,438	294.8	1,135,501	153.2	500,102
Assistant head, economic analysis section	1	4,300	1	4,300	0.1	169	Overtime pay, field				16,612		92,913
Assistant head, hydro plants unit	1	4,520	1	4,337	0.3	1,108	All personal services, field	324.4	1,264,438	294.8	1,152,113	153.2	593,015
Assistant head, internal combustion plants unit	1	4,740	1	4,740									
Assistant head, transmission lines unit	1	4,300	1	4,300	0.2	633	01 Personal services (net)	1,196.6	3,983,985	1,097.3	3,711,160	722.6	2,361,745
Education specialist	1	5,180	1	5,180	1	4,600	OTHER OBLIGATIONS						
Engineer	53.8	236,694	50	219,159	28.3	107,571	02 Travel		849,030		777,925		426,081
Head, graphics unit	1	4,520	1	4,520	1	3,800	03 Transportation of things		8,630		8,700		5,613
Head, mapping section	1	4,520	1	4,520	1	3,800	04 Communication services		89,625		83,740		66,139
Head, plumbing unit					1	3,900	05 Rents and utility services		9,600		8,600		8,097
Head, publications unit	1	4,520	1	4,520	1	3,800	07 Other contractual services		20,950		19,700		8,879
Head, wiring unit					0.9	3,483	08 Supplies and materials		26,600		25,750		21,624
Home electrification specialist	2	8,600	2	8,600			09 Equipment		11,580		36,390		7,609
Structural engineer	1	4,520	1	4,502	1	3,800	Total other obligations		1,016,015		960,805		544,042
Grade 3. Range \$3,640 to \$4,300:							Grand total obligations		5,000,000		4,671,965		2,905,787
Agricultural engineering writer	1	3,640	1	3,640	0.7	2,533	Reimbursements for services performed						-6,942
Education specialist	44.4	164,239	38.4	141,854	21.2	68,596	Transferred to "Salaries and expenses. Office of Information, Department of Agriculture"						+5,130
Engineer							Reappropriation of 1945 balance for 1946				-331,965		+331,965
Head, general statistics section	1	3,640	1	3,640	0.8	2,475	Net total obligations		5,000,000		4,340,000		3,235,940
Home electrification specialist	1	3,660	1	3,860	2.1	7,500	Covered into Treasury as miscellaneous receipts, Public Law 529						+3,660
Illustrator	1	3,640	1	3,640			Excess of obligations over appropriation due to Public Law 106				-490,000		
Rate engineer	10	37,060	8.5	31,380	3.1	10,007	Estimated savings, unobligated balance						6,400
Grade 2. Range \$2,980 to \$3,640	19.4	58,790	15	45,221	9.8	26,449	Total estimate or appropriation		5,000,000		3,850,000		3,246,000
Grade 1. Range \$2,320 to \$2,980					0.8	1,608							
Subprofessional service:													
Grade 7. Range \$2,650 to \$3,310	1	2,760	1	2,659	0.2	288							
Grade 6. Range \$2,320 to \$2,980	4	9,500	3.8	8,889	2.7	5,271							
Grade 5. Range \$2,100 to \$2,496	3	6,234	3	6,201	1.5	2,719							
Grade 4. Range \$1,902 to \$2,298					0.1	68							
Crafts, protective, and custodial service:													
Grade 6. Range \$2,166 to \$2,562	1	2,232	1	2,232	1	1,860							
Grade 3. Range \$1,572 to \$1,902	2	3,342	2	3,277	1.5	1,915							
Grade 2. Range \$1,440 to \$1,770	11.1	16,578	11.1	16,360	5.7	6,927							
Department of Agriculture grades:													
Grade 28. Range \$9,800 to \$10,000:													
Deputy administrator	1	9,800	1	9,800	1	9,000							
Grade 26. Range \$8,750 to \$9,800:													
Assistant administrator	1	9,013	1	8,937									
Grade 25. Range \$8,225 to \$9,275:													
Chief, cooperatives operations division					0.6	4,146							
Consulting engineer	1	8,487	1	8,487	0.5	3,354							
Grade 24. Range \$7,700 to \$8,750:													
Chief, applications and loans division	1	7,963	1	7,963	1	7,000							



## RURAL ELECTRIFICATION ADMINISTRATION—Continued

## Salaries and Expenses, Rural Electrification Administration, Department of Agriculture—Continued

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
1. Project development and allotment activities.....	\$1,015,374	\$1,015,374	\$480,436
2. Construction and technical operating assistance and supervision:			
(a) Construction assistance to co-operatives.....	1,059,137	809,720	291,433
(b) Technical operating assistance to cooperatives.....	376,489	325,906	158,147
3. Management supervision and assistance to cooperatives.....	637,235	602,235	379,309
4. Auditing, loan accounting, and collecting.....	1,013,136	983,136	659,445
5. Technical standardization.....	156,262	147,262	90,846
6. Internal administrative services:			
(a) Property, administrative accounting, statistical, mapping, and other office services.....	280,054	271,019	188,157
(b) Personnel services and stenographic pool.....	151,052	151,052	89,797
7. General administration:			
(a) Executive management.....	192,920	192,920	128,746
(b) Informational services.....	118,341	118,341	74,169
8. Services performed by other agencies.....			6,942
9. Overtime pay.....		55,000	358,360
Grand total obligations.....	5,000,000	4,671,965	2,905,787
Adjustments (see objects schedule for detail).....		-821,965	+340,213
Total estimate or appropriation.....	5,000,000	3,850,000	3,246,000

## Rural Electrification Administration, Department of Agriculture, Loans to States, Etc. (Loan From Reconstruction Finance Corporation)—

Loans: For loans in accordance with sections 3, 4, and 5 of said Act, and for carrying out the provisions of section 7 thereof, **[\$80,000,000] \$250,000,000**, which sum shall be borrowed from the Reconstruction Finance Corporation in accordance with the provisions of section 3 (a) of said Act.

**[Loans: For an additional amount for "Loans", Rural Electrification Administration, fiscal year 1946, \$120,000,000, which sum shall be borrowed from the Reconstruction Finance Corporation in accordance with the provisions of section 3 (a) of the Rural Electrification Act of 1936, as amended.] (Act of May 5, 1945, Public Law 52; Act of July 5, 1945, Public Law 132.)**

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
16. Investments and loans.....	\$250,000,000	\$200,885,786	\$25,731,055
Prior year balance available in 1945.....			-1,610,939
Prior year loan authorization available in 1945.....			-5,902
1945 balance available in 1946.....		-34,657	+34,657
1945 Reconstruction Finance Corporation loan authorization available in 1946.....		-851,129	+851,129
Received by loan from "Reconstruction Finance Corporation".....	-250,000,000	-200,000,000	-25,000,000
Total estimate or appropriation.....			

Total, Rural Electrification Administration, annual appropriations, general account:

Estimate 1947, **\$5,000,000**

Appropriated 1946, **\$3,850,000**

Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## RURAL ELECTRIFICATION ADMINISTRATION

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Rural Electrification Administration, Department of Agriculture.....	1	\$1,500			\$1,500		\$250	For transportation of the Administrator, deputy administrator, assistant administrator, and members of their staffs on official business at Washington, D. C., and elsewhere.

## FARM CREDIT ADMINISTRATION

## SALARIES AND EXPENSES

## Salaries and Expenses, Farm Credit Administration, Department of Agriculture—

For salaries and expenses of the Farm Credit Administration in the District of Columbia and the field, including printing and binding; travel expenses, including not to exceed \$5,000 for travel incurred under proper authority attending meetings or conventions of members of organizations at which matters of importance to the work of the Farm Credit Administration are to be discussed or transacted; lawbooks, books of reference, and not to exceed \$750 for periodicals and newspapers; library membership fees or dues in organizations which issue publications to members only or to members at a lower price than to others, payment for which may be made in advance; not to exceed \$20,000 for expenditures authorized by section 602 of the [Act of September 21, 1944 (Public Law 425)] *Department of Agriculture Organic Act of 1944 (12 U. S. C. 833)*; purchase of one, maintenance, repair, and operation of motor-propelled passenger-carrying vehicles in the District of Columbia and elsewhere; garage rental in the District of Columbia; payment of actual transportation and other necessary expenses and not to exceed \$10 per diem in lieu of subsistence of persons serving, while away from their homes, without other compensation from the United States, in an advisory capacity to the Farm Credit Administration, except that such expenditures shall not exceed \$10,000; necessary administrative expenses in connection with the making of loans under the provisions of the Act of January 29, 1937 (12 U. S. C. 1020i-1020n, 1020o), and the collection of moneys due the United States on account of loans made under the provisions of said Act and similar Acts administered by the Farm Credit Administration relating to loans for crop production, feed, seed, and harvest-

ing; examination of corporations, banks, associations, and institutions operated, supervised, or regulated by the Farm Credit Administration; in all, **[\$526,000] \$584,000**, together with not to exceed **[\$3,845,209] \$4,569,300** from the funds made available to the Farm Credit Administration pursuant to the Act of January 29, 1937 (12 U. S. C. 1020i-1020n, 1020o). Collections made pursuant to section 601 of the [Act of September 21, 1944 (Public Law 425)] *Department of Agriculture Organic Act of 1944 (12 U. S. C. 832)*, are hereby made available to reimburse this appropriation for the cost of examining and supervising the corporations, banks, associations, and other organizations as provided in said section. (Act of May 5, 1945, Public Law 52.)

Estimate 1947, **\$584,000**

Appropriated 1946, **\$526,000**

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL	Man- years	Total salary	Man- years	Total salary	Man- years	Total salary
Clerical, administrative, and fiscal service: Grade 15. Range \$8,750 to \$9,800:						
Chief examiner.....	1	\$9,800	1	\$9,800	1	\$9,000
Deputy cooperative bank commis- sioner.....	1	9,013	1	9,013	1.1	9,049
Deputy intermediate credit commis- sioner.....	2	19,600	2	19,600	2	18,000
Deputy land bank commissioner.....	2	19,338	2	19,206	2	17,500
Director, emergency crop and feed loan division.....	1	9,538	1	9,472	1	8,500
Director, finance and accounts.....	1	9,800	1	9,800	0.8	6,998
Director, information and extension.....	1	9,800	1	9,800	1	9,000
Vice president, Federal Farm Mort- gage Corporation.....	1	9,800	2	19,600	2	18,000
Grade 14. Range \$7,175 to \$8,225:						
Assistant chief examiner.....	1	7,438	1	7,438	1	6,625



By objects	Obligations						By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945			Estimate, 1947		Estimate, 1946		Actual, 1945	
PERSONAL SERVICES, DEPARTMENTAL—CON.							PERSONAL SERVICES, DEPARTMENTAL—CON.						
Clerical, administrative, and fiscal service—Continued	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary	Professional service:	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
Grade 14. Range \$7,175 to \$8,225—Con.							Grade 9. In excess of \$9,800:						
Assistant comptroller	1	\$7,438	1	\$7,219	0.7	\$4,333	Governor	1	\$10,000	1	\$10,000	1	\$10,000
Assistant deputy cooperative bank commissioner	1	7,438	1	7,328	1	6,500	Cooperative bank commissioner	1	10,000	1	10,000	1	10,000
Assistant deputy land bank commissioner	1	8,225	1	8,225	1.8	12,956	Intermediate credit commissioner	1	10,000	1	10,000	1	10,000
Assistant director, emergency crop and feed loan division	2	16,450	2	16,450	2	15,000	Land bank commissioner	1	10,000	1	10,000	1	10,000
Assistant intermediate credit commissioner	1	8,225	1	8,225	1	7,500	Production credit commissioner	1	10,000	1	10,000	1	10,000
Assistant production credit commissioner	1	7,700	1	7,503	1	6,750	Grade 8. Range \$8,750 to \$9,800:						
Assistant to the deputy governor	1	8,225	1	8,225	1	7,500	Chief appraiser	1	8,750	1	8,750	0.5	4,312
Assistant to the director of finance and accounts	1	8,225	1	8,225	0.8	5,938	Grade 7. Range \$7,175 to \$8,225:						
Chief, administrative division	1	7,963	1	7,897	1	7,000	Assistant chief, appraisal subdivision	1	7,963	1	7,831	1	7,000
Chief, finance subdivision	1	7,963	1	7,897	1	7,000	Associate chief, cooperative research and service division	1	7,963	1	7,897	1	7,000
Chief, personnel division	1	7,438	1	7,284	1.3	8,641	Chief, cooperative research and service division	1	8,225	1	8,225		
Comptroller	1	7,175	1	7,175	0.9	5,889	Chief, economic and credit research division	1	7,175	1	7,175	0.7	4,446
Director, agricultural marketing revolving fund	1	7,700	1	7,700	1	6,750	Chief engineering appraiser	1	7,175	1	7,175	1.3	9,626
Special assistant to the Governor	2	14,613	2	14,459	0.9	6,139	Special assistant to the deputy governor	1	8,225	1	8,225	1	7,500
Vice president, Federal Farm Mortgage Corporation	1	8,225	1	8,225	1	7,500	Grade 6. Range \$6,230 to \$7,070:						
Grade 13. Range \$6,230 to \$7,070:							Agricultural economist	11	73,570	9	61,057	8.5	52,257
Assistant chief, administrative division	2	13,090	2	12,933	2	11,350	Assistant chief, economic and credit research division	2	12,670	1.8	11,424	1	5,600
Assistant comptroller	1	6,230	1	6,230	0.9	4,947	Assistant chief engineering appraiser	1	6,230	1	6,230	0.8	5,067
Assistant deputy cooperative bank commissioner	1	6,440	1	6,440	1	5,650	Assistant deputy production credit commissioner	1	6,650	1	6,650	1	5,800
Assistant deputy land bank commissioner	1	7,070	1	7,070	1	6,400	Chief, appraisal standards section	1	6,230				
Assistant deputy production credit commissioner	2	12,880	2	12,688	2	11,200	Chief, investment section	1	6,650	1	6,545	1	5,800
Assistant director, regional agricultural credit division							Chief of membership relations and employees training	1	6,440	1	6,440	1	5,700
Assistant to the deputy governor	1	6,440	1	6,440	1	5,510	Chief, operating analysis section	1	6,440	1	6,440	1	5,600
Assistant treasurer, Federal Farm Mortgage Corporation	1	6,440	1	6,440	0.9	5,509	Reviewing land bank appraiser	1	6,860	1	6,808	1	6,000
Chief accountant	1	6,440	1	6,248	0.9	5,509	Grade 5. Range \$5,180 to \$6,020:						
Chief, district personnel section	1	6,440	1	6,265	0.7	3,827	Agricultural economist	18.9		19		16.5	
Chief of emergency crop and feed loan credit and collections	1	6,860	1	6,755	1	6,000	Business economist		105,252		105,490		80,409
Chief, loan servicing and real estate section	1	6,650	1	6,545	1	5,800	Chief of production credit stockholders service section	2	11,410	2	11,253	1.8	9,042
Chief, national farm loan association section	1	7,070	1	7,070	0.5	3,200	Information specialist	0.9	4,662	0.8	4,144		
Treasurer, Central Bank for Cooperatives	1	6,440	1	6,317	1	5,367	Reviewing land bank appraiser	1	5,390		5,285	1	4,857
Grade 12. Range \$5,180 to \$6,020:							3	16,380	3	16,328	3.3	15,250	
Accountant	5.5	29,750	6.5	34,965	6.2	28,923	Grade 4. Range \$4,300 to \$5,180:						
Administrative officer	13.9	75,362	14.5	77,806	10.2	48,266	Agricultural economist	9	40,570	8	35,792	6.7	25,733
Assistant deputy intermediate credit commissioner	1	6,020	1	6,020	1	5,400	Business economist	2.8	12,260	2.9	12,561	0.9	3,557
Assistant to land bank commissioner	1	5,390	1	5,390	1	4,700	Visual information specialist	1	4,740	1	4,520	1	3,850
Auditor	3	15,960	2.6	13,678	1.6	7,297	Grade 3. Range \$3,640 to \$4,300:						
Chief, central office personnel section	1	5,390	1	5,267	0.8	3,566	Agricultural economist	6.8	25,632	6	22,638	5.3	17,337
Chief clerk	1	5,390	1	5,390	1	4,700	Business economist	4	15,220	4	15,129	4.8	15,420
Chief registrar	1	6,020	1	5,915	1	5,200	Grade 2. Range \$2,980 to \$3,640	7.9	24,202	7	21,400	4.8	12,292
Information officer	2	11,620	2	11,515	2	10,116	Grade 1. Range \$2,320 to \$2,980	3	7,400	3	7,290	3.2	6,546
Investigator	1	5,390	1	5,390	1	4,600	Subprofessional service:						
Reviewing farm credit examiner	4	22,820	4	22,767	3.2	16,456	Grade 6. Range \$2,320 to \$2,980	2	5,080	2	5,025	2	4,150
Secretary, Central Bank for Cooperatives	1	6,020	1	6,020	1	5,400	Grade 5. Range \$2,100 to \$2,496	1	2,166	1	2,166	1	1,800
Special assistant to the Governor	1	5,390	1	5,390	1.1	4,900	Grade 4. Range \$1,902 to \$2,298	2	3,936	2	3,931	2	3,222
Grade 11. Range \$4,300 to \$5,180:							Crafts, protective, and custodial service:						
Accountant	4	18,520	4	18,281	3.6	14,375	Grade 7. Range \$2,364 to \$2,870	1	2,430	1	2,392	1	2,079
Administrative officer	4	18,080	4	17,951	4.3	16,633	Grade 6. Range \$2,166 to \$2,562	1	2,166	1	2,166	0.5	1,007
Auditor	1	4,740	1	4,520	1	3,900	Grade 4. Range \$1,770 to \$2,166	2	3,672	2	3,650	2.1	3,065
Editor	1	5,180	1	5,180	1	4,600	Grade 3. Range \$1,572 to \$1,902	18	30,210	18	29,733	12.6	17,313
Information officer	0.9	4,662	1	5,180			Grade 2. Range \$1,440 to \$1,770					3.8	4,566
Investigator	1	4,740	1	4,575	1	3,950	Department of Agriculture grades:						
Personnel officer	3	13,560	3	13,468	2.7	10,637	Grade 29. Range \$10,000:						
Reviewing farm credit examiner	1	4,520	1	4,520	1	3,900	Deputy governor	2	20,000	2	20,000	2.1	20,833
Training officer	1	4,520	1	4,429	1	3,800	Deputy production credit commissioner	1	10,000	1	10,000	1	9,500
Grade 10. Range \$3,970 to \$4,630:							Grade 28. Range \$9,800 to \$10,000:						
Accountant	3	12,350	3	12,287	1.9	6,925	Executive vice president, Federal Farm Mortgage Corporation	1	9,800	1	9,800	1	9,000
Administrative officer	1	4,190	1	4,190	1	3,600	Unclassified:						
Auditor	1	4,410	1	4,383	1	3,775	Medical officer	1	3,420	1	3,420	0.9	2,772
Land appraiser	1	4,630	1	4,603	1	3,975	Total permanent, departmental	638.7		657.7		597.1	
Grade 9. Range \$3,640 to \$4,300:							2,186,531		2,214,550		39,428		1,756,813
Accountant	10	38,270	10	38,206	8.3	27,746	Overtime pay, departmental						281,751
Administrative assistant	2	7,390	2	7,354	2.5	8,183	All personal services, departmental	638.7		657.7		597.1	
Farm credit examiner							2,186,531		2,253,978				2,038,564
Information assistant	2	7,500	2	7,481	2	6,266	PERSONAL SERVICES, FIELD						
Land appraiser	2	8,160	2	8,160	2	7,100	Clerical, administrative, and fiscal service:						
Personnel assistant	3.8	14,162	4	14,871	3	9,804	Grade 14. Range \$7,175 to \$8,225:						
Purchasing assistant	1	3,970	1	3,970	1	3,400	Vice president, Federal Farm Mortgage Corporation	1	8,225	1	8,225	1	7,500
Training assistant	1	3,750	1	3,731	0.9	2,880	Grade 13. Range \$6,230 to \$7,070:						
Grade 8. Range \$3,310 to \$3,970							Analyst	2	12,670	3	19,373	2	11,600
Grade 7. Range \$2,980 to \$3,640	26	82,320	28	88,382	26.4	70,908	Regional emergency crop and feed loan manager	10	64,190	10	64,015	9	50,174
Grade 6. Range \$2,650 to \$3,310	17	48,790	22	62,647	22.5	53,926	Supervising farm credit examiner	2	13,143	3	19,307	2.7	15,246
Grade 5. Range \$2,320 to \$2,980	43.5		46		41.7		Vice president, Federal Farm Mortgage Corporation						
Grade 4. Range \$2,100 to \$2,496	105	109,390	109.6	114,737	100.3	87,704	Grade 12. Range \$5,180 to \$6,020:						
Grade 3. Range \$1,902 to \$2,298	129.1	233,171	133	241,559	119.9	186,569	Analyst	1	5,390	1	5,390	1	4,650
Grade 2. Range \$1,704 to \$2,100	62.3	258,617	64	264,104	56.3	199,169	Farm credit examiner	2	10,360	2	10,360	1.1	4,924
Grade 1. Range \$1,506 to \$1,902	4.8	111,044	6	113,141	6.1	82,616	Investigator	2	11,410	2	11,218	1.9	9,289
		7,493		9,218		7,759	Regional emergency crop and feed loan manager	2	12,040	2	12,040	2	10,600
							Registrar	12	70,560	12	70,246	12	61,799
							Resident farm credit examiner	11.7	63,546	12	64,523	11.7	54,201
							Vice president, Federal Farm Mortgage Corporation						
							Grade 11. Range \$4,300 to \$5,180:						
							Accountant	8	36,600	8	36,490	7.3	28,747



## FARM CREDIT ADMINISTRATION—Continued

## SALARIES AND EXPENSES—continued

## Salaries and Expenses, Farm Credit Administration, Department of Agriculture—Continued

By objects	Obligations					
	Estimate, 1947		Estimate, 1946		Actual, 1945	
	Man-years	Total salary	Man-years	Total salary	Man-years	Total salary
<b>PERSONAL SERVICES, FIELD—continued</b>						
Clerical, administrative, and fiscal service—Continued						
Grade 11. Range \$4,300 to \$5,180—Con.						
Administrative officer	11	\$51,920	11	\$51,406	10.1	\$40,683
Analyst	1	4,740	1	4,740	1	4,000
Assistant resident farm credit examiner	9	40,900	12	53,305	8	30,908
Farm credit examiner	8	38,140	8	38,030	8.4	34,026
Grade 10. Range \$3,970 to \$4,630:						
Accountant	2	8,270	2	8,196	1.5	5,362
Administrative officer	1	4,190	1	4,135	1	3,550
Analyst					0.3	1,267
Deputy registrar	6	27,010	6	26,845	6	23,175
Grade 9. Range \$3,640 to \$4,300:						
Accountant	4	15,000	4	14,918	4	12,773
Administrative assistant	39		39		37.9	
		149,000		147,983		123,399
Analyst	3.9	15,076	4	15,385	3.3	11,005
Farm credit examiner	19.7	76,328	20	77,274	18.5	61,383
Grade 7. Range \$2,980 to \$3,640:	543.1		547		537	
		1,732,442		1,729,992		1,436,593
Grade 6. Range \$2,650 to \$3,310:	20	56,300	20	55,870	19.1	45,069
Grade 5. Range \$2,320 to \$2,980:	27	67,040	27	66,491	28.7	59,168
Grade 4. Range \$2,100 to \$2,496:	106.7		107		94.5	
		234,828		234,246		174,044
Grade 3. Range \$1,902 to \$2,298:	160.8		160.2		151.8	
		321,418		318,409		251,629
Grade 2. Range \$1,704 to \$2,100:	266.6		267		237	
		479,300		475,569		349,105
Grade 1. Range \$1,506 to \$1,902:	45	70,740	45	69,725	47.3	60,373
Professional service:						
Grade 6. Range \$6,230 to \$7,070:						
Chief reviewing land bank appraiser	12	79,380	12	79,101	12	69,099
Grade 5. Range \$5,180 to \$6,020:						
Reviewing land bank appraiser	11.9	66,052	12	66,099	11.8	58,953
Subprofessional service:						
Grade 4. Range \$1,902 to \$2,298:	4	8,070	4	7,955	3.4	5,672
Crafts, protective, and custodial service:						
Grade 4. Range \$1,770 to \$2,166:	1	1,902	1	1,886	1.1	1,762
Grade 3. Range \$1,572 to \$1,902:	8	13,434	8	13,325	8.3	11,288
Grade 2. Range \$1,440 to \$1,770:	13	19,710	13	19,496	11.3	13,738
Department of Agriculture grades:						
Grade 19. Range \$4,300 to \$5,070:						
Administrative officer	2	9,700	2	9,700	2	8,550
Grade 8. Range \$1,836 to \$1,902:			2.7	5,122	21.7	32,551
Total permanent, field	1,379.4		1,391.9		1,343.5	
		3,899,024		3,916,390		3,215,488
W. A. E. employment, field	47		46.1		41.5	
		104,024		102,268		81,501
Overtime pay, field				82,818		659,268
Additional pay for foreign service, field		12,869		12,806		10,394
All personal services, field	1,426.4		1,438		1,385	
		4,015,917		4,114,282		3,966,651
01 Personal services (net)	2,065.1		2,095.7		1,982.1	
		6,202,448		6,368,250		6,005,215
<b>OTHER OBLIGATIONS</b>						
02 Travel		860,210		882,153		805,829
03 Transportation of things		11,298		11,698		11,249
04 Communication services		47,938		48,473		45,519
05 Rents and utility services		250,600		258,867		272,887
06 Printing and binding		52,812		50,827		45,795
07 Other contractual services		444,606		312,098		420,546
08 Supplies and materials		46,428		46,686		35,964
09 Equipment		43,660		600		1,330
Total other obligations		1,757,552		1,611,402		1,639,119
Grand total obligations		7,960,000		7,979,662		7,644,334
Reimbursements for services performed						-16,102
Transferred to "Salaries and expenses, Office of Information, Department of Agriculture"						+975
Reimbursement from Reconstruction Finance Corporation for supervision of the Regional Agricultural Credit Corporation						
		-35,030		-41,697		-40,611
Reimbursement from Regional Agricultural Credit Corporation, of Washington, D. C., for administrative expenses		-186,520		-271,029		-226,271
Reimbursement from Federal Farm Mortgage Corporation under act of Jan. 31, 1934		-522,291		-572,176		-538,527
Assessments for cost of supervision of Federal land banks		-718,721		-711,256		-701,530
Assessments for cost of supervision of Federal intermediate credit banks		-245,712		-244,977		-197,592
Assessments for cost of supervision of banks for cooperatives (including reimbursement for administrative expenses from Central Bank for Cooperatives)		-275,790		-281,926		-244,243
Assessments for cost of supervision of production credit corporations		-251,435		-244,846		-218,637
Assessments for examination of institutions administered by the Farm Credit Administration		-571,201		-633,746		-574,941

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Farmers' crop production funds required for making and collection of loans under acts of Jan. 29, 1937, Feb. 4, 1938, June 30, 1939, June 25, 1940, July 1, 1941, July 22, 1942, and July 12, 1943	-\$4,569,300	-\$4,385,209	-\$4,459,480
Net total obligations	584,000	592,800	427,375
Covered into Treasury as miscellaneous receipts, Public Law 529			+938
Excess of obligations over appropriation due to Public Law 106		-66,800	
Estimated savings, unobligated balance			198,008
Total estimate or appropriation	584,000	526,000	626,321

## Farmers' Crop Production and Harvesting Loans, Farm Credit Administration, Department of Agriculture—

Farmers' crop production and harvesting loans: For loans to farmers under the Act of January 29, 1937 [(12 U. S. C. 1020i-1020n, 1020o)], as amended [by the Acts of February 4, 1938 (Public Resolution 78), June 30, 1939 (Public Law 159), June 25, 1940 (12 U. S. C. 1020n-1), July 1, 1941 (Public Law 144), July 22, 1942 (Public Law 674), July 12, 1943 (Public Law 129), and June 28, 1944 (Public Law 367)], (12 U. S. C. 1020i-1020n, 1020o), \$5,000,000, together with the unobligated balance (exclusive of the amount of such balance made available for "Salaries and expenses, Farm Credit Administration, [1946] 1947") of the appropriation "Crop production and harvesting loans" as made in the [First Deficiency Appropriation Act, fiscal year 1937 (Act of February 9, 1937, Public Law 4), and as continued available by the Acts of February 4, 1938 (Public Resolution 78), June 30, 1939 (Public Law 159), June 25, 1940 (12 U. S. C. 1020n-1), July 1, 1941 (Public Law 144), July 22, 1942 (Public Law 674), July 12, 1943 (Public Law 129), and June 28, 1944 (Public Law 367)] Act of May 5, 1945 (Public Law 52), is hereby made available, together with all collections of principal and interest on loans heretofore or hereafter made under said Act of January 29, 1937 (12 U. S. C. 1020i-1020n, 1020o).

## Estimate 1947, \$5,000,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
16 Investments and loans	\$20,000,000	\$18,000,000	\$16,232,897
Transferred to "Salaries and expenses, Farm Credit Administration, Department of Agriculture"	+4,569,300	+4,385,209	+4,459,480
Grand total obligations	24,569,300	22,385,209	20,692,377
Collections: Principal and interest	-18,118,000	-16,663,000	-19,387,968
Net total obligations	6,451,300	5,722,209	1,304,409
Prior year balance available in 1945			-12,362,686
1945 balance available in 1946		-11,058,277	+11,058,277
1946 balance available in 1947	-5,336,068	+5,336,068	
Estimated savings, unobligated balance	+3,884,768		
Total estimate or appropriation	5,000,000		

## Agricultural Marketing Revolving Fund, Farm Credit Administration, Department of Agriculture—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
<b>Obligations:</b>			
Loans to cooperative associations	\$500,000	\$700,000	\$759,000
Maintenance of foreclosed property	25,000	25,000	16,390
Subscriptions to capital stock	2,000,000	1,000,000	3,500,000
Total obligations	2,525,000	1,725,000	4,275,390
<b>Receipts:</b>			
Collections of principal and interest	750,000	1,000,000	2,278,114
Proceeds from rents of property under foreclosure proceedings	120,000	120,000	121,678
Sale of properties	1,750,000	5,000	66,988
Reduction in capital stock of banks for cooperatives			2,000,000
Total receipts	2,620,000	1,125,000	4,466,780
Net total	-95,000	+600,000	-191,390
Transferred to "Salaries and expenses, Farm Credit Administration, Department of Agriculture"			+1,752
Prior year balance available in 1945			-1,877,532
1945 balance available in 1946		-2,067,170	+2,067,170
1946 balance available in 1947	-1,467,170	+1,467,170	
1947 balance available in 1948	+1,562,170		
Total estimate or appropriation			

Total, Farm Credit Administration, annual appropriations, general account:

Estimate 1947, \$5,584,000

Appropriated 1946, \$526,000



Statement of proposed expenditures for purchase, maintenance, repair, and operation of passenger-carrying vehicles for the fiscal year ending June 30, 1947

## FARM CREDIT ADMINISTRATION

Appropriation	Vehicles (motor unless otherwise indicated) to be purchased		Old vehicles to be exchanged		Net cost of vehicles to be purchased	Old vehicles still to be used	Total maintenance, repair, and operation, all vehicles	Public purpose and users
	Number	Gross cost	Number	Allowance (estimated)				
Salaries and expenses, Farm Credit Administration.	1	\$1,050	1	\$300	\$750	2	\$400	1 passenger car for official transportation of the Governor; 1 passenger car for transporting Farm Credit Administration officials in Washington and making special deliveries to and from other Government buildings; 1 passenger car used for special deliveries and transporting mail and Farm Credit Administration employees on official business.

## FEDERAL FARM MORTGAGE CORPORATION

NOTE.—The Government Corporation Control Act, Public Law 248, approved Dec. 6, 1945, requires each wholly owned Government corporation to submit annually to the President for transmittal to the Congress a budget program or plan of operations. Because of the lateness of the passage of the act, the 1947 budget programs of the corporations will be submitted to the Congress in the spring as a supplement to the regular Budget.

## FLOOD CONTROL, GENERAL

## Flood Control, General (Transfer to Agriculture)—

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
Allotted to—			
Forest Service.....	\$1,340,200	\$510,147	\$164,269
Soil Conservation Service.....	1,727,235	549,370	
Total allotments.....	3,067,435	1,059,517	164,269
Transferred to—			
"Salaries and expenses, Office of Secretary of Agriculture".....	+11,000		
"Salaries and expenses, Office of Solicitor, Department of Agriculture".....	+8,000		
Advanced to Office of Secretary of Agriculture.....		+5,500	
Prior year balance available in 1945.....			-4,315,721
1945 balance available in 1946.....		-4,151,452	+4,151,452
1946 balance available in 1947.....	-3,086,435	+3,086,435	
Total estimate or appropriation.....			

Consolidated schedule of obligations under "Flood control, general (transfer to Agriculture)." Detailed obligations shown under each of the various agencies and offices to which allotments are made as shown in the preceding schedule

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
	Man- Total years salary	Man- Total years salary	Man- Total years salary
01 Personal services (net).....	611 \$1,676,760	269.7 \$779,225	42.2 \$116,390
OTHER OBLIGATIONS			
02 Travel.....	76,000	64,627	2,742
03 Transportation of things.....	49,510	11,025	1,338
04 Communication services.....	7,358	5,080	449
05 Rents and utility services.....	31,655	8,255	1,062
06 Printing and binding.....	3,500	250	
07 Other contractual services.....	255,750	33,438	14,879
08 Supplies and materials.....	284,933	47,225	22,363
09 Equipment.....	383,934	115,892	7,232
10 Lands and structures.....	184,300		
11 Grants, subsidies, and contributions.....	113,735		
Total other obligations.....	1,390,675	285,792	50,065
Grand total obligations.....	3,067,435	1,065,017	166,455
Reimbursements for services performed.....			-2,186
Transferred to—			
"Salaries and expenses, Office of Secretary of Agriculture".....	+11,000		
"Salaries and expenses, Office of Solicitor, Department of Agriculture".....	+8,000		
Net total obligations.....	3,086,435	1,065,017	164,269

By projects or functions	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
1. Preliminary examinations and surveys.....	\$869,000	\$235,067	
2. Works of improvement, etc.....	2,198,435	825,631	\$145,043
3. Services performed for other agencies.....			2,186
4. Overtime pay.....		4,319	19,226
Grand total obligations.....	3,067,435	1,065,017	166,455
Adjustments (see objects schedule for detail).....	+19,000		-2,186
Net total obligations.....	3,086,435	1,065,017	164,269

## Claims, Judgments, and Private Relief Acts—

13 Refunds, awards, and indemnities: Obligations—1945, \$103,110

## Trust accounts:

## Miscellaneous Contributed Funds, Department of Agriculture—

For miscellaneous contributed funds received by the Department from States, local organizations, individuals, etc., deposited in the Treasury of the United States, and made available for work under cooperative agreements. (5 U. S. C. 67, 563.)

Estimate 1947, \$100,000

Appropriated 1946, \$100,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
11 Grants, subsidies, and contributions..	\$100,000	\$146,306	\$278,696
Reimbursements for services performed.....			-625
Prior year balance available in 1945.....			-192,356
1945 balance available in 1946.....		-46,306	+46,306
Total estimate or appropriation.....	100,000	100,000	132,021

## Return of Excess Deposits for Reproduction of Photographs, Mosaics, and Maps—

For refund of moneys received by the Department for furnishing of reproductions of aerial and other photographs, mosaics, and maps, obtained in connection with the authorized work of the Department, in excess of the cost of making such reproductions, mosaics, and maps. (7 U. S. C. 1387.)

Estimate 1947, \$1,100

Appropriated 1946, \$750

Revised 1946, \$1,000

By objects	Obligations		
	Estimate, 1947	Estimate, 1946	Actual, 1945
13 Refunds, awards, and indemnities.....	\$1,100	\$1,143	\$950
Prior year balance available in 1945.....			-33
1945 balance available in 1946.....		-143	+143
Total estimate or appropriation.....	1,100	1,000	1,060







American Highway from the southern border of Mexico to Panama City, a distance of 1,586 miles. Although only about 450 miles of this section have been paved, 800 miles of the unpaved portion are open to traffic the year around, while 160 miles are impassable in wet weather, and about 176 miles are impassable to traffic. During the past year work has gone forward on grading the unimproved sections of the highway, on widening narrow sections, bridge building, and on surveys for future work. An appropriation of \$5,000,000 is recommended for fiscal year 1947 to carry on the work on this project.

#### BUREAU OF COMMUNITY FACILITIES

This unit of the Federal Works Agency is responsible for completing the war public works program of community facilities required during the war; the public works advance planning program authorized by the Congress in title V of the War Mobilization and Reconversion Act of 1944; and a program of public works construction in the Virgin Islands. For the war public works program no new appropriations are recommended for fiscal year 1947, as all new commitments for this purpose ceased after the surrender of Japan.

For public works advance planning \$30,000,000 was appropriated during fiscal year 1946, these funds to be used for advances to State and local governments to prepare detailed plans and specifications for needed and worthwhile public works. No new appropriations are recommended for fiscal year 1947, but supplemental requests will be made as additional funds are required to carry out the President's program of providing a sizable reserve of public works projects planned and ready for construction.

An appropriation of \$2,000,000 is recommended for construction, by the Bureau of Community Facilities, of public works projects in the Virgin Islands. A total of \$1,366,210 was appropriated for this purpose in fiscal year 1946. These funds represent about one-third of the total authorized program, costing \$10,028,420, of specific public works projects on the islands of St. Croix, St. Thomas, and St. John, to assist in the internal development of the islands, and to provide necessary services for the inhabitants. Included in the program are hospitals, sanitation and malaria control works, sewerage and water supply systems, facilities for fire protection, schools, roads, public buildings, prisons, recreation and communication facilities, abattoirs, and public markets.

#### NATIONAL HOUSING AGENCY

During the war the National Housing Agency, through its constituent unit, the Federal Public Housing Authority, has engaged in a construction program to provide housing for in-migrant war workers. This program was substantially completed before the surrender of Japan; hence, no new appropriations were made for the fiscal year 1946. Operations during fiscal year 1946 have consisted largely of completing those projects which were in an advanced stage of construction. The agency is now turning its attention to the problem of disposing of the war housing units.

In the meantime the National Housing Agency has been directed by Congress to make the war housing accommodations available for use as temporary housing for families of servicemen and veterans. An appropriation of \$191,900,000 has been made for dismantling and moving war housing buildings to locations where required by veterans. Under this appropriation, the National Housing Agency

will furnish approximately 100,000 dwelling accommodations to educational institutions, State and local public agencies, and nonprofit organizations, the housing to be erected on sites acquired and supplied by these agencies.

In addition to the direct construction mentioned above, the Federal Public Housing Authority will reactivate locally owned low-rent projects, for which loan contracts and commitments were made before the war. The outstanding commitments for these projects amount to about \$100,000,000.

#### DEPARTMENT OF AGRICULTURE

##### OFFICE OF EXPERIMENT STATIONS

An appropriation of \$56,000 is recommended for construction of seven buildings at the Federal Experiment Station, Puerto Rico.

##### BUREAU OF ANIMAL INDUSTRY

For fiscal year 1947 appropriations are recommended for construction of a poultry research building, at a cost of \$30,000, and enlargement of the Zoological laboratory building, at a cost of \$75,000, at the Agricultural Research Center, Beltsville, Md.

##### FOREST SERVICE

The 1947 Budget recommends the resumption of the forest highways, roads, and trails program which was virtually suspended during the war years. For forest highways, \$23,714,222 is recommended to be appropriated for fiscal year 1947, as compared with actual appropriations of \$3,500,000 in fiscal year 1946. Construction of forest highways, which form an integral part of our Nation-wide highway transportation system, is carried out by the Public Roads Administration. These highways are built to the same standards as the contiguous Federal-aid highways, and are of primary importance to the States, counties, and communities near the national forests. For forest development roads and trails, \$12,500,000 is recommended for fiscal year 1947, as compared with actual appropriations of \$6,418,778 for fiscal year 1946. These funds provide for the maintenance of existing roads and trails as well as for new construction. Forest development roads and trails are built primarily for the protection and management of the national forests rather than for general travel purposes, although they are generally open to public travel. These roads are built by the Forest Service with local labor.

In addition, an appropriation of \$1,560,000 is recommended to be appropriated from the receipts of the national forests for forest road and trail development in national forests. This is estimated to be 10 percent of all the receipts and is used for expenditure on national forests in the States from which the receipts were collected.

##### SOIL CONSERVATION SERVICE

An appropriation of \$700,000 is recommended for fiscal year 1947 for land improvements on water conservation and utilization projects undertaken cooperatively with the Bureau of Reclamation, Department of the Interior. This program has as its objective the stabilizing of western agriculture by providing settlement opportunities for needy farm families, including returning veterans and war workers with farm backgrounds. Through development of these projects, sound land and water use in the arid and semiarid regions of the country will be promoted by



rehabilitating and expanding irrigated lands. The 1947 appropriation contemplates a program similar to that for fiscal year 1946.

#### FARM SECURITY ADMINISTRATION

For the water facilities program, an appropriation of \$1,000,000 is recommended for fiscal year 1947, to provide small water facilities to farmers in the western arid and semiarid regions. The recommended appropriation is substantially the same as the actual appropriations for the two previous fiscal years. Of the total, \$778,233 is available for loans to farmers for construction of wells, ponds, windmills, storage tanks, and cisterns, and \$221,767 is available for technical guidance and administration.

#### RURAL ELECTRIFICATION ADMINISTRATION

The rural electrification program of the Federal Government was almost entirely suspended during the war, largely because of the shortage of critical materials. The program, which involves loans to rural electric cooperatives for construction of electric generating and distribution systems, was resumed during fiscal year 1946 when Congress authorized the Rural Electrification Administration to borrow \$200,000,000 from the Reconstruction Finance Corporation for loans to cooperatives. For fiscal year 1947 an additional \$250,000,000 of borrowing authority is recommended, to continue the rural electrification program at an accelerated rate. Under the program loans are also provided for the wiring of premises and for the acquisition of electrical and plumbing appliances by people in rural areas.

The ultimate goal is an almost complete electrification of rural areas, which is expected to be accomplished over a 10-year period, at an estimated total cost of \$1,825,000,000.

#### FLOOD CONTROL

That part of the Nation's flood control program for which the Department of Agriculture is responsible has been at a standstill during the war. It will be reactivated by resuming the surveys and investigations that are necessary before actual construction plans can be developed, and by initiating a small volume of construction.

#### DEPARTMENT OF COMMERCE

##### CIVIL AERONAUTICS ADMINISTRATION

The recommended appropriation of \$18,680,000 for the Civil Aeronautics Administration is for the construction of air navigation facilities on the Federal airways. The program for the fiscal year 1947 includes the construction of very high frequency radio ranges, airport approach light systems, instrument landing systems, and intermediate landing fields. This work is for improving air navigation within the present airways system, and for providing the necessary navigation facilities for 4,000 additional miles of airways.

Congress appropriated funds for additional construction at the Washington National Airport in fiscal year 1946. No appropriations for further construction are recommended for fiscal year 1947, but it is possible that the demands on this airport may require additional construction at a later date.

Legislation for a national airport construction program, which is now being considered by the Congress, will place

with the Federal Government responsibility for sharing the cost of construction and improvement of airports with State and local governments. Should this legislation be enacted, funds will be required by the Civil Aeronautics Administration for the preparation of a national airport plan and for grants-in-aid to State and local governments for airport construction.

#### COAST AND GEODETIC SURVEY

The construction program for the Coast and Geodetic Survey for fiscal year 1947 is limited to the building of a magnetic and seismological observatory at College, Alaska, and a dwelling at Gaithersburg Observatory, Gaithersburg, Md., for which a total appropriation of \$129,400 is recommended.

#### DEPARTMENT OF THE INTERIOR

##### BONNEVILLE POWER ADMINISTRATION

The recommended appropriation for the Bonneville Power Administration for the fiscal year 1947, together with the unobligated balance of prior appropriation, will provide \$16,973,069, for construction of transmission lines, substations, and appurtenant facilities, and the acquisition of construction equipment. This construction program is sufficient only to take care of the immediate need, while further surveys and studies are made on lines that will be required to serve the peacetime electric loads that are developing in the Northwest. Included in the amount is \$5,066,050 for transmission line projects approved by the Congress in prior years, but deferred because of wartime shortages, \$8,706,000 for new transmission line projects, \$2,500,019 for miscellaneous minor system extensions and capital additions, \$301,000 for surveys and designs, and \$400,000 for tools and equipment.

Construction programs in recent years have been for the purpose of supplying power and energy to the war industries in the Northwest. The programs for 1946 and 1947 are directed, for the most part, toward providing electric service to public bodies and cooperatives which are given preference under existing law.

##### SOUTHWESTERN POWER ADMINISTRATION

The Southwestern Power Administration is responsible for the sale and distribution of surplus electric energy generated at projects under control of the War Department in Louisiana, Arkansas, southern Missouri, southeastern Kansas, most of Oklahoma, and eastern Texas. Only two of these projects, the Norfork and Denison Dams, are completed and in operation. Because of the shortages of labor and materials, the Southwestern Power Administration has not yet constructed transmission lines or other facilities required to carry out the policy laid down in the Flood Control Act of 1944 which provides that preference in the sale of electric energy from such projects shall be given to public bodies and cooperatives.

It is now becoming possible for the Administration to build or purchase the transmission facilities and fuel-electric generating stations which it requires. The recommended appropriation of \$23,000,000 provides \$11,151,635 for transmission lines, \$3,460,085 for feeder lines, service connections and the like, \$6,688,230 for fuel-electric generating stations, \$500,000 for plans and specifications for future projects, \$200,000 for tools and equipment, and \$1,000,050 for administrative and general expense chargeable to construction.



**STATEMENT OF APPROPRIATIONS AND OBLIGATIONS FOR FEDERAL PUBLIC WORKS—GENERAL AND SPECIAL ACCOUNTS—Continued**

Organization unit and appropriation title	APPROPRIATIONS			OBLIGATIONS		
	Recommended, 1947	Actual, 1946	Actual, 1945	Estimated, 1947	Estimated, 1946	Actual, 1945
<b>DEPARTMENT OF AGRICULTURE</b>						
<b>Office of Experiment Stations:</b>						
Salaries and expenses, Federal Experiment Station, Puerto Rico*	\$56,000			\$56,000		
<b>Bureau of Animal Industry:</b>						
Salaries and expenses, lands and structures*	105,000			105,000		
<b>Forest Service:</b>						
Roads and trails for States, national forests fund	1,560,000	\$1,600,000	\$1,602,175	1,560,000	\$1,600,000	\$1,386,349
Forest roads and trails:						
Forest highways	23,714,222	3,500,000		23,714,222	3,500,000	72,583
Forest road development	12,500,000	6,418,778	4,161,496	12,578,675	7,087,793	4,572,428
Transferred from: Flood control, general				1,340,200	510,147	166,455
Total, Forest Service	37,774,222	11,518,778	5,763,671	39,193,097	12,697,940	6,197,815
<b>Soil Conservation Service:</b>						
Water conservation and utilization projects	700,000	1,165,066		1,135,000	1,142,749	868,995
Allotment from construction, water conservation and utilization projects, Department of the Interior				277,300	189,333	130,878
Transferred from: Flood control, general				1,727,235	549,370	
Total, Soil Conservation Service	700,000	1,165,066		3,139,535	1,881,452	999,873
<b>Farm Security Administration:</b>						
Development of water facilities, arid and semiarid areas	1,000,000	1,000,000	1,025,000	1,000,000	1,025,000	1,019,434
<b>Rural Electrification Administration:</b>						
Loans to States, etc.	(7)	(8)	(9)	250,000,000	200,885,786	25,731,055
Total, Department of Agriculture	39,635,222	13,683,844	6,788,671	293,493,632	216,490,178	33,948,177
<b>DEPARTMENT OF COMMERCE</b>						
<b>Office of Administrator of Civil Aeronautics:</b>						
Establishment of air navigation facilities	18,680,000	12,786,000	4,067,860	19,180,000	18,281,267	3,756,265
Development of landing areas for national defense				1,989,408	14,311,452	28,661,586
Construction of cafeteria, Washington National Airport		156,000			156,000	
Construction, Washington National Airport		3,998,000		248,000	3,750,000	
Development of civil landing areas					9,294,767	426,198
Total, Office of Administrator of Civil Aeronautics	18,680,000	16,940,000	4,067,860	21,417,408	45,793,486	32,844,049
<b>Coast and Geodetic Survey:</b>						
Salaries and expenses, field, construction*	129,400			129,400		
<b>National Bureau of Standards:</b>						
Station for broadcasting standard frequencies						1,016
Construction of building and wind tunnel						6,764
Materials testing laboratory and equipment					6,458	3,576
Total, National Bureau of Standards					6,458	11,356
Total, Department of Commerce	18,809,400	16,940,000	4,067,860	21,546,808	45,799,944	32,855,405
<b>DEPARTMENT OF THE INTERIOR</b>						
<b>Bonneville Power Administration:</b>						
Construction, Bonneville power transmission system*	<sup>10</sup> 15,501,000	(11)	(12)	16,973,069	15,329,135	6,394,495
<b>Southwestern Power Administration:</b>						
Construction	23,000,000			23,000,000		
<b>Bureau of Indian Affairs:</b>						
Construction, irrigation systems (reimbursable)	954,250	566,750	356,250	954,250	991,620	307,399
Roads, Indian reservations*	3,120,000			3,120,000		
Construction, etc., buildings and utilities	1,350,000			1,789,052	439,940	47,509
Total, Bureau of Indian Affairs	5,424,250	566,750	356,250	5,863,302	1,431,560	354,908

\* Includes only that part of the appropriation account used for public works planning or construction.

<sup>7</sup> \$250,000,000 authorized to be borrowed from Reconstruction Finance Corporation.

<sup>8</sup> \$200,000,000 authorized to be borrowed from Reconstruction Finance Corporation.

<sup>9</sup> \$25,000,000 authorized to be borrowed from Reconstruction Finance Corporation.

<sup>10</sup> Excludes \$1,472,069 reappropriated from previous funds for construction.

<sup>11</sup> \$15,329,135 reappropriated from previous funds for construction.

<sup>12</sup> \$8,571,300 reappropriated from previous funds for construction.



## APPENDIX 4

CONTINGENT LIABILITIES OF THE UNITED STATES, JUNE 30, 1945 <sup>1</sup>

[Includes guaranteed bonds, debentures, and notes of Government corporations and credit agencies, postal funds due depositors, and Federal Reserve notes outstanding]

Issuing agency	Authorizing act	Principal		Matured interest	Total
		Unmatured <sup>2</sup>	Matured		
I. GUARANTEED BY THE UNITED STATES:					
1. Commodity Credit Corporation.....	Mar. 8, 1938 (52 Stat. 107), as amended..	<sup>3</sup> \$375,161,331.20	\$82,000.00	\$539.38	\$375,243,870.58
2. Federal Farm Mortgage Corporation.....	Jan. 31, 1934 (48 Stat. 344), as amended..		7,829,700.00	407,437.83	8,237,137.83
3. Federal Housing Administration.....	June 27, 1934 (48 Stat. 1246), as amended.	33,930,536.23			33,930,536.23
4. Federal Public Housing Authority.....	Sept. 1, 1937 (50 Stat. 898), as amended..		8,000.00	226.85	8,226.85
5. Home Owners' Loan Corporation.....	June 13, 1933 (48 Stat. 128), as amended..		16,127,825.00	741,072.75	16,868,897.75
6. Reconstruction Finance Corporation.....	Jan. 22, 1932 (47 Stat. 5), as amended..		19,000.00	126.75	19,126.75
7. Tennessee Valley Authority (see item 10).....	May 18, 1933 (48 Stat. 55), as amended..				
8. United States Maritime Commission.....	June 29, 1936 (49 Stat. 1985), as added June 23, 1938 (52 Stat. 969).				
Total, based on guarantees.....		409,091,867.43	<sup>4</sup> 24,066,525.00	<sup>5</sup> 1,149,403.56	434,307,795.99
II. ON CREDIT OF THE UNITED STATES:					
9. U. S. Postal Savings System funds due depositors.....	June 25, 1910 (36 Stat. 814), as amended..	2,659,574,961.00		72,363,396.24	<sup>6</sup> 2,731,938,357.24
10. Tennessee Valley Authority (see item 7).....	May 18, 1933 (48 Stat. 55), as amended..	4,300,000.00			4,300,000.00
11. Canal Zone Postal Savings System funds due depositors.....	June 13, 1940 (54 Stat. 389).....	9,468,020.00		246,304.40	<sup>6</sup> 9,714,324.40
Total, based on credit of the United States.....		2,673,342,981.00		72,609,700.64	2,745,952,681.64
III. OTHER OBLIGATIONS:					
12. Federal Reserve notes (face amount).....	Dec. 23, 1913 (38 Stat. 265), as amended..	22,319,557,038.46			<sup>7</sup> 22,319,557,038.46
TOTAL, CONTINGENT LIABILITIES.....		25,401,991,886.89	24,066,525.00	73,759,104.20	25,499,817,516.09

AUTHORIZED AND OUTSTANDING BONDS, DEBENTURES, AND NOTES GUARANTEED BY THE UNITED STATES, JUNE 30, 1945 <sup>1</sup>

Issuing agency	Authorized	Principal outstanding		
		Total	Held by Treasury	Held by others
Commodity Credit Corporation (see 1 above).....	\$4,750,000,000.00	<sup>3</sup> \$1,966,243,331.20	\$1,591,000,000.00	<sup>3</sup> \$375,243,331.20
Federal Farm Mortgage Corporation (see 2 above).....	2,000,000,000.00	115,829,700.00	108,000,000.00	7,829,700.00
Federal Housing Administration (see 3 above).....	<sup>9</sup> 5,965,000,000.00	33,930,536.23		33,930,536.23
Federal Public Housing Authority (see 4 above).....	<sup>10</sup> 800,000,000.00	383,008,000.00	383,000,000.00	8,000.00
Home Owners' Loan Corporation (see 5 above).....	4,750,000,000.00	1,026,109,825.00	1,009,982,000.00	16,127,825.00
Reconstruction Finance Corporation (see 6 above).....	<sup>11</sup> 17,250,494,373.59	9,019,966,123.79	9,019,947,123.79	19,000.00
Tennessee Valley Authority (see 7 and 10 above).....	<sup>12</sup> 66,072,500.00	61,072,500.00	56,772,500.00	<sup>13</sup> 4,300,000.00
United States Maritime Commission (see 8 above).....	<sup>14</sup> 200,000,000.00			
Total.....	35,781,566,873.59	12,606,160,016.22	12,168,701,623.79	437,458,392.43

<sup>1</sup> This appendix is explained in appendix 1.<sup>2</sup> Excludes bonds, notes, and debentures held by the Treasury and reflected in the public debt.<sup>3</sup> Includes \$352,646,331.20 representing drafts paid for the account of the Commodity Credit Corporation against letters of credit and \$22,515,000 representing unmatured bank loans; but does not include \$75,194,149.25 representing drafts paid for the account of the Commodity Credit Corporation against letters of credit not yet reflected on June 30, 1945, by the Treasury Department in the "total gross public debt and guaranteed obligations."<sup>4</sup> Funds have been deposited with the Treasurer of the United States for the payment of outstanding matured principal and interest guaranteed by the United States.<sup>5</sup> Offset by cash in designated depository banks amounting to \$7,904,432.14, which is secured by the pledge of collateral as provided in the regulations of the Postal Savings System having a face value of \$9,287,150; cash in possession of the System amounting to \$160,614,357.11; Government securities with a face value of \$2,574,764,510; and other securities.<sup>6</sup> Offset by cash on hand and in depository banks amounting to \$529,056.83, Government securities with a face value of \$9,496,720, and other securities.<sup>7</sup> In actual circulation exclusive of \$699,301,881.54 redemption fund deposited in the Treasury and \$632,115,975 of their own Federal Reserve notes held by the issuing banks. The collateral security for Federal Reserve notes issued consists of \$10,968,000,000 in gold certificates and in credits with the Treasurer of the United States payable in gold certificates, \$12,961,423,000 face amount of United States Government securities, and \$43,982,000 face amount of commercial paper.<sup>8</sup> Includes \$4,300,000 issued by the Tennessee Valley Authority on the credit of the United States and held by the Reconstruction Finance Corporation.<sup>9</sup> The National Housing Act, as amended, provides limitations upon the amount of insurance which may be outstanding at any one time: Under title I, housing renovation and modernization \$165,000,000; under title II, mutual mortgage insurance, \$4,000,000,000, which, with the approval of the President, may be increased to \$5,000,000,000; and under title VI, war housing insurance, \$1,800,000,000.<sup>10</sup> Authorized for financing low-rent housing.<sup>11</sup> Includes authorization to borrow for advance purposes of \$15,750,000,000, and for specific purposes of \$4,187,500,000, less reductions of \$1,659,664,626.41 and \$1,027,341,000, respectively on account of cancellation by the Treasury of the Corporation's notes pursuant to act approved Feb. 24, 1938 (52 Stat. 80). Excludes authorizations to borrow indefinite amounts to purchase preferred stock, capital notes, or debentures of banks and trust companies; for making funds available to the Federal Housing Administrator for carrying out the provisions of titles I, II, and III of the National Housing Act; and for advances to the Secretary of Agriculture for purchase of property in accordance with title I of the Agricultural Adjustment Act.<sup>12</sup> Includes \$4,300,000 issued on the credit of the United States under sec. 15, \$272,500 under sec. 15a, and \$61,500,000 under sec. 15c of act approved May 18, 1933 (48 Stat. 58), as amended by act approved July 26, 1939 (53 Stat. 1083).<sup>13</sup> Excludes \$2,000,000 in transit for redemption as of June 30, 1945.<sup>14</sup> The Commission is authorized to make commitments to the extent indicated for the purpose of insuring ship mortgages under title XI of the Merchant Marine Act approved June 29, 1936 (49 Stat. 1985) as amended by act approved June 23, 1938 (52 Stat. 969).



APPENDIX 5  
PERMANENT APPROPRIATIONS<sup>1</sup>  
GENERAL AND SPECIAL ACCOUNTS<sup>2</sup>

Agency and appropriation title <sup>3</sup>	APPROPRIATIONS			EXPENDITURES
	Recommended, 1947	Actual, 1946	Actual, 1945	Actual, 1945
<b>LEGISLATIVE BRANCH</b>				
General accounts:				
Library of Congress:				
Bequest of Gertrude M. Hubbard, interest account.....	\$800	\$800	\$800.00	\$312.00
Library of Congress trust fund, interest on permanent loan account.....	53,403	53,403	53,402.61	39,211.29
Total, legislative branch.....	54,203	54,203	54,202.61	39,523.29
<b>INDEPENDENT OFFICES</b>				
Special accounts:				
Federal Power Commission: Payments to States under Federal Power Act.....	26,000	24,750	26,208.57	27,192.78
Railroad Retirement Board: Railroad unemployment insurance administration fund.....	10,000,000	12,000,000	13,198,763.74	12,454,811.39
General accounts:				
Smithsonian Institution:				
Expenses of Smithsonian Institution, interest account.....	60,000	60,000	60,000.00	60,000.00
Expenses of National Gallery of Art, interest account.....	200,000	200,000	200,000.00	200,000.00
Total, Smithsonian Institution.....	260,000	260,000	260,000.00	260,000.00
Total, independent offices.....	10,266,000	12,284,750	13,484,972.31	12,742,004.17
<b>FEDERAL SECURITY AGENCY</b>				
General accounts:				
Colleges of agriculture and the mechanic arts.....	2,550,000	2,550,000	2,550,000.00	2,550,000.00
Promotion of vocational education, act of Feb. 23, 1917.....	7,000,000	7,000,000	7,000,000.00	6,779,920.68
Special account: Operation of commissaries, Division of Mental Hygiene.....	80,000	75,000	55,530.00	47,304.44
Total, Federal Security Agency.....	9,630,000	9,625,000	9,605,530.00	9,377,225.12
<b>DEPARTMENT OF AGRICULTURE</b>				
General accounts:				
Cooperative agricultural extension work.....	4,704,710	4,704,710	4,704,710.00	4,700,439.05
Exportation and domestic consumption of agricultural commodities, sec. 32, act of Aug. 24, 1935.....	118,000,000	114,274,626	119,307,107.95	70,099,466.50
Special accounts:				
Payments to States and Territories from the national-forests fund.....	3,900,000	4,001,000	4,005,437.97	4,138,652.69
Payments to school funds, Arizona and New Mexico, national-forests fund.....	40,000	40,000	38,476.35	38,476.35
Roads and trails for States, national-forests fund.....	1,560,000	1,600,000	1,602,175.18	1,116,127.08
Payment to counties from submarginal land program, Farm Tenant Act.....	145,000	140,000	239,937.39	115,827.95
Excess payments, submarginal land program, Farm Tenant Act.....			544.18	406.68
Total, Department of Agriculture.....	128,349,710	124,760,336	129,898,389.02	80,209,396.30
<b>DEPARTMENT OF THE INTERIOR</b>				
Special accounts:				
Payments to States from receipts under Grazing Act.....	525,000	525,000	500,325.61	507,774.82
Continuing fund for emergency expenses, Southwestern Power Administration.....			100,000.00	
Payments to counties, Oregon and California land-grant fund.....	800,000	800,000	1,284,563.96	881,579.57
Payments to Coos and Douglas Counties, Oreg., in lieu of taxes on Coos Bay Wagon Road grant lands.....	26,000	26,000		
Payments to States from receipts under Mineral Leasing Act of Feb. 25, 1920.....	4,500,000	4,500,000	3,735,439.34	4,086,154.65
Payments to States from potash deposits, royalties, and rentals, act of Feb. 7, 1927.....	225,000	225,000	245,485.69	220,455.29
Excess payments, Coos Bay Wagon Road grant lands.....	1,000	1,000		
Excess payments, Oregon and California grant lands.....	25,000	25,000	20,000.00	4,440.49
Payments from proceeds of sale of water.....	300	300	839.56	
Development and operation of helium properties.....	95,000	95,000	142,534.72	55,292.96
Payment to counties under Migratory Bird Conservation Act.....	70,000	68,948	61,282.16	61,281.36
Expenses for sales, etc., in refuges, Fish and Wildlife Service.....	15,000	15,000	2,145.48	75.68
Alaska Railroad special fund.....	5,050,000	6,630,000	10,531,526.32	8,170,718.82
Total, Department of the Interior.....	11,332,300	12,911,248	16,624,142.84	13,987,773.64
<b>NAVY DEPARTMENT</b>				
Special account: Laundry service, Naval Academy.....	430,000	430,000	339,864.09	338,073.89

<sup>1</sup> This appendix is explained in appendix 1.<sup>2</sup> The permanent appropriations shown in this table are included in tables 2, 4, and 5.<sup>3</sup> Appropriation titles in italics are classified "national defense."



## APPENDIX 6

COMPARISON OF EXPENDITURES BY ORGANIZATION UNITS, FISCAL YEARS 1939 THROUGH 1945 <sup>1</sup>

[The expenditures are classified according to the location of activities and functions on June 30, 1945]

Agency	1945	1944	1943	1942	1941	1940	1939
<b>SUMMARY</b>							
<b>General and special accounts:</b>							
Legislative branch.....	\$30,894,557.01	\$28,805,298.61	\$27,235,720.99	\$27,408,330.04	\$24,389,014.07	\$23,017,447.86	\$22,044,288.91
The Judiciary.....	12,892,003.17	13,075,499.32	12,108,944.15	11,537,736.82	11,425,848.47	10,973,057.88	9,456,444.68
Executive Office of the President and independent offices.....	9,035,490,680.59	7,946,339,341.27	5,614,173,703.56	2,278,413,656.84	1,014,073,552.32	977,546,215.42	891,408,898.52
Federal Loan Agency.....	° 468,865.01	° 433,335.07	° 399,696.28	20,029,666.28	4,012.65	6,001,618.22	8,000,000.00
Federal Security Agency.....	677,978,140.72	720,854,280.66	779,055,394.54	954,466,215.81	945,888,279.23	808,284,678.48	758,536,061.31
Federal Works Agency.....	280,269,064.13	368,952,063.80	677,639,841.61	1,192,726,402.54	1,697,529,861.98	2,066,867,508.39	2,831,679,292.45
National Housing Agency.....	118,249,710.11	507,479,953.99	636,692,695.53	311,652,448.51	24,829,795.82	10,081,457.11	18,886,896.74
Department of Agriculture.....	1,862,434,047.35	3,017,626,896.15	3,084,777,522.95	1,893,894,288.76	975,135,900.07	1,415,729,692.00	1,190,320,588.04
Department of Commerce.....	164,014,349.36	223,305,976.13	186,243,351.59	158,955,305.22	97,677,593.25	68,596,041.36	42,653,538.04
Department of the Interior.....	207,253,147.32	184,348,556.22	192,367,615.16	208,921,047.27	193,279,979.98	209,859,131.33	212,285,599.67
Department of Justice.....	108,299,928.52	117,459,801.12	100,072,243.64	83,825,404.24	62,472,842.87	55,943,984.29	49,324,575.53
Department of Labor.....	70,154,706.93	55,279,780.27	24,806,224.91	24,212,548.53	23,395,987.87	19,338,112.50	14,245,879.29
Navy Department.....	30,127,635,917.52	26,784,932,066.12	20,528,102,983.90	8,757,167,402.54	2,338,854,858.11	935,395,510.20	713,582,981.16
Post Office Department (general fund).....	486,898.79	° 22,167,486.27	8,611,843.42	17,729,774.85	30,130,553.62	41,991,378.92	39,568,641.36
Department of State.....	76,532,584.63	57,984,234.48	48,848,508.87	33,376,467.87	26,099,860.59	24,003,329.49	19,714,635.74
Treasury Department.....	7,621,684,255.11	4,646,312,953.37	3,607,127,795.47	2,379,847,259.38	1,370,809,210.39	1,553,558,303.56	1,247,513,541.30
War Department (including Panama Canal).....	49,838,815,589.27	49,481,595,580.22	42,840,007,162.00	15,104,264,883.77	4,025,284,013.98	903,825,601.94	706,575,666.35
District of Columbia (Federal contribution).....	6,000,000.00	6,000,000.00	6,000,000.00	6,000,000.00	6,000,000.00	6,000,000.00	5,000,000.00
Subtotal.....	100,238,616,715.52	94,137,751,460.39	78,374,271,248.57	33,464,428,839.27	12,867,281,165.27	9,137,013,068.95	8,780,797,529.09
Adjustment to daily Treasury statement basis.....	+165,979,970.02	-394,236,596.55	-191,922,607.70	-973,121,441.58	-92,390,841.30	-9,639,262.48	-15,459,498.55
Total, general and special accounts.....	100,404,596,685.54	93,743,514,863.84	78,182,348,640.87	32,491,307,397.69	12,774,890,323.97	9,127,373,806.47	8,765,338,030.54
<b>Government corporations and credit agencies:</b>							
Redemption of obligations in the market (net).....	1,552,733,547.88	2,873,580,916.48	693,746,663.82	1,809,413,050.00	° 851,649,850.00	° 287,534,506.61	° 1,105,500,500.00
Other activities (net).....	° 374,350,413.77	1,529,487,758.02	1,499,938,802.01	1,815,311,204.35	1,069,175,551.26	254,392,465.25	337,175,038.13
Total, Government corporations and credit agencies (net).....	1,178,383,134.11	4,403,068,674.50	2,193,685,465.83	3,624,724,254.35	217,525,701.26	° 33,142,041.36	° 768,325,461.87
<b>Trust accounts:</b>							
Unemployment trust fund.....	1,508,450,732.93	1,563,590,783.79	1,404,167,159.73	1,243,142,328.20	1,118,127,110.94	957,316,273.97	836,795,000.00
Federal old-age and survivors insurance trust fund.....	1,377,244,824.85	1,356,633,243.80	1,184,503,977.71	931,314,952.20	706,841,884.66	576,705,088.55	528,791,583.23
Veterans life insurance funds.....	2,199,197,645.41	986,700,756.96	424,471,105.93	127,833,188.98	94,902,431.69	96,246,570.59	91,001,601.80
Federal employees' retirement funds.....	550,076,135.30	495,581,500.69	365,155,697.13	217,613,100.23	171,045,375.64	154,286,712.96	134,822,350.64
Railroad retirement account.....	323,444,643.89	274,915,832.07	216,964,800.65	143,743,910.67	115,773,514.47	125,299,073.50	106,774,077.31
Other trust accounts.....	425,375,346.12	231,637,852.40	246,008,010.79	460,084,879.97	345,421,251.12	132,853,554.69	116,273,002.53
Special deposit accounts.....	° 1,301,979,198.70	° 208,682,106.52	° 247,719,403.80	° 52,067,564.71	16,271,596.92	° 19,727,076.77	° 8,056,343.20
Total, trust accounts.....	5,081,810,129.80	4,700,377,863.19	3,593,551,348.14	3,071,664,795.54	2,568,383,165.44	2,022,980,197.49	1,806,401,272.31

° Excess of credits, deduct.

<sup>1</sup> This appendix is explained in appendix 1.



## APPENDIX 6—Continued

## COMPARISON OF EXPENDITURES BY ORGANIZATION UNITS, FISCAL YEARS 1939 THROUGH 1945—Continued

Agency	1945	1944	1943	1942	1941	1940	1939
<b>GENERAL AND SPECIAL ACCOUNTS—Continued</b>							
<b>FEDERAL SECURITY AGENCY—continued</b>							
Office of Education.....	\$71,906,872.16	\$100,179,375.32	\$162,503,681.68	\$141,217,774.56	\$88,764,413.23	\$27,822,757.84	\$27,730,708.45
Public Health Service.....	125,944,227.23	104,570,781.88	53,738,861.95	39,742,189.92	33,112,049.57	31,603,558.43	26,373,873.47
Saint Elizabeths Hospital.....	2,432,947.69	2,179,416.00	2,165,782.80	1,502,744.38	1,484,114.84	1,538,302.66	1,464,730.57
Social Security Board.....	460,767,619.77	490,094,540.99	475,258,009.47	472,412,613.51	422,268,000.16	364,214,594.59	330,563,601.87
Office of Vocational Rehabilitation.....	7,542,881.78	4,799,260.75	2,900,052.91	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Office of the Administrator:							
National Youth Administration.....	111,647.52	8,713,115.56	58,536,794.16	129,535,600.45	136,352,724.71	94,648,335.41	78,102,755.96
Civilian Conservation Corps.....		° 66,370.30	15,028,079.16	162,670,199.39	257,396,531.12	283,244,748.93	290,385,528.11
Other.....	4,409,679.01	5,908,364.53	5,043,194.66	3,832,024.91	2,285,645.29	854,811.41	
Miscellaneous.....	15,390.33	58,134.16	44,542.72	4,983.39	54,280.12	29,984.00	1,752.49
Total, Federal Security Agency.....	677,978,140.72	720,854,280.66	779,055,394.54	954,466,215.81	645,888,279.23	808,284,678.48	758,536,061.31
<b>FEDERAL WORKS AGENCY</b>							
Office of the Administrator:							
Public Works Administration.....	4,723,559.73	3,321,817.00	11,732,161.26	39,844,808.51	126,264,355.08	347,742,750.40	407,937,587.19
Work Projects Administration.....	° 1,315,751.19	6,370,469.98	285,050,162.26	882,443,460.43	1,284,593,920.85	1,477,537,908.00	2,161,500,655.13
Other.....	361,693.37	6,489,898.88	409,425.21	414,788.25	260,762.67	179,114.09	
Public Buildings Administration.....	54,393,703.53	39,479,593.09	54,804,777.65	67,750,407.16	69,863,398.67	72,383,801.69	65,437,952.17
Public Roads Administration.....	102,698,735.16	178,313,597.41	217,968,192.90	168,127,097.58	174,056,134.65	169,014,742.31	196,803,097.96
Bureau of community facilities.....	119,252,342.83	134,665,186.82	107,484,809.52	34,013,634.75	41,981,535.76		
Miscellaneous.....	154,780.70	311,500.62	190,312.81	132,205.86	509,754.30	9,191.90	
Total, Federal Works Agency.....	280,269,064.13	368,952,063.80	677,639,841.61	1,192,726,402.54	1,697,529,861.98	2,066,867,508.39	2,831,679,292.45
<b>NATIONAL HOUSING AGENCY</b>							
Office of the Administrator.....	4,479,549.75	17,275,540.33	67,017,146.83	299,040,260.72	7,340,579.80		
Federal Home Loan Bank Administration.....	4,978,670.33	61,314,552.44	4,801,374.57	1,505,306.03	1,285,362.75	1,219,874.51	1,116,697.71
Federal Housing Administration.....	167,388.30	155,781.89	3,518,232.21	5,975,482.97	10,199,321.55	6,987,869.13	9,140,867.44
Federal Public Housing Authority.....	108,604,176.88	428,729,203.62	561,355,691.23	5,126,078.22	6,004,531.72	1,873,713.47	8,629,331.59
Miscellaneous.....	19,924.85	4,875.71	250.69	5,320.57			
Total, National Housing Agency.....	118,249,710.11	507,479,953.99	636,692,695.53	311,652,448.51	24,829,795.82	10,081,457.11	18,886,896.74
<b>DEPARTMENT OF AGRICULTURE</b>							
Office of the Secretary.....	3,114,138.53	3,016,767.05	6,031,420.71	3,308,424.16	7,921,846.12	931,605.62	823,840.03
Office of the Solicitor.....	1,949,128.47	1,964,340.47	1,941,486.89	2,137,417.13	206,079.09	249,678.65	219,444.43
Office of Information.....	2,086,704.53	2,129,162.10	2,110,926.88	2,375,576.98	2,492,495.22	1,775,038.93	1,273,899.09
Library.....	521,250.67	562,858.65	480,968.06	155,401.71	97,146.87	105,289.15	105,974.80
Bureau of Agricultural Economics.....	4,176,611.51	3,897,288.14	3,186,125.35	3,535,317.42	2,050,334.93	1,820,348.96	1,649,658.24
Office of Foreign Agricultural Relations.....	454,702.08	472,313.93	301,239.71	219,409.23	195,873.34	202,513.54	282,231.56
Extension Service.....	19,434,931.23	19,436,955.12	19,431,546.60	19,606,924.13	19,278,765.07	19,275,037.46	18,690,434.21
Agricultural Research Administration:							
Office of the Administrator.....	116,535.13	129,074.32	65,950.32	11,882.41			
Beltsville Research Center.....	120,989.08	418,659.97	390,496.70	463,207.56	1,307,060.21	2,312,952.99	1,985,749.06
Special research fund.....	1,151,815.20	1,182,856.13	1,113,422.40	1,209,860.87	1,383,322.39	1,496,888.18	1,368,661.36
Office of Experiment Stations.....	7,233,652.51	7,225,336.71	7,172,252.43	7,170,580.25	7,114,992.15	7,079,888.70	6,763,965.15
Bureau of Animal Industry.....	8,460,417.62	8,083,296.71	14,648,939.60	14,869,926.74	14,940,476.31	14,858,499.54	16,329,927.15
Bureau of Dairy Industry.....	777,351.04	757,660.00	709,319.44	688,703.34	705,151.23	677,045.06	679,503.06
Bureau of Plant Industry, Soils and Agricultural Engineering.....	5,320,594.87	5,309,833.38	5,382,377.21	5,535,949.14	5,566,537.92	5,739,663.58	5,806,894.56
Bureau of Entomology and Plant Quarantine.....	5,527,095.77	5,473,165.16	5,181,623.41	7,354,090.01	9,917,864.88	11,907,359.59	13,366,048.16
Control of incipient pest and emergency outbreaks of insect pest and plant diseases.....	2,866,703.50	2,366,306.12	2,033,596.82	1,960,099.66	2,997,392.56	4,265,387.67	3,278,114.51
Bureau of Agricultural and Industrial Chemistry.....	4,292,987.10	3,786,791.15	520,549.58	542,521.53	615,705.50	786,770.58	788,397.06
Bureau of Human Nutrition and Home Economics.....	643,052.05	452,769.99	382,559.95	329,328.84	521,902.43	573,934.03	946,129.12
Miscellaneous.....	° 111,341.70	° 171,114.52					
Total, Agricultural Research Administration.....	36,399,852.17	35,014,635.12	37,601,087.86	40,136,150.35	45,070,405.58	49,698,389.92	51,313,389.19
White pine blister rust control.....	2,095,380.04	1,958,808.21	1,596,206.10	1,048,398.14	372,052.19	310,736.18	
Forest Service.....	35,834,584.93	32,093,018.17	27,979,281.21	25,598,521.18	30,662,516.50	36,216,926.49	32,224,652.35
Forest roads and trails.....	6,214,430.33	5,386,165.00	4,608,118.87	7,491,170.59	7,447,484.73	11,477,059.19	13,464,858.94
Emergency rubber project.....	4,756,038.10	11,595,262.61	17,410,891.61	2,466,436.00			

° Excess of credits, deduct.

<sup>1</sup> Prior year expenditures are included under Office of Education.



## APPENDIX 6—Continued

## COMPARISON OF EXPENDITURES BY ORGANIZATION UNITS, FISCAL YEARS 1939 THROUGH 1945—Continued

Agency	1945	1944	1943	1942	1941	1940	1939
<b>GENERAL AND SPECIAL ACCOUNTS—Continued</b>							
<b>DEPARTMENT OF AGRICULTURE—continued</b>							
Soil Conservation Service.....	\$27,594,418.62	\$24,882,608.95	\$22,655,591.31	\$22,176,960.58	\$20,798,674.02	\$28,831,954.59	\$34,577,152.07
Land utilization and retirement of submarginal land program.....	1,328,862.57	1,474,982.09	1,860,280.42	2,502,415.08	5,436,484.00	9,977,374.47	4,666,746.26
Water conservation and utilization projects.....	541,186.79	154,891.89	359,296.31	405,361.92			
Production and Marketing Administration:							
Conservation and use of agricultural land resources.....	254,561,610.86	394,847,822.78	391,069,294.67	473,711,048.25	465,136,204.14	605,137,906.69	477,942,480.42
Parity payments.....	229,700.17	163,040,083.91	197,626,343.08	190,954,333.65	183,870,320.62	215,025,865.62	
Salaries and expenses, balance of sec. 12 (a), Act May 12, 1933.....	5,421.20		103,526.64	1,906,144.43			
Administration of the Sugar Act of 1937.....	42,738,076.50	50,509,385.75	55,453,911.29	38,531,112.51	50,422,089.82	48,823,534.06	62,463,846.94
Federal Crop Insurance Act.....	577,291.12	5,926,329.23	16,507,501.76	9,327,273.30	10,996,622.46	6,263,736.63	8,320,839.82
Exportation and domestic consumption of agricultural commodities, sec. 32, Act of Aug. 24, 1935.....	70,097,818.48	96,518,883.79	112,947,546.33	196,312,538.64	223,435,713.03	143,553,931.65	210,505,293.56
Marketing Service.....	15,432,116.72	16,175,619.31	6,207,000.93	6,210,156.50	6,263,476.03	6,019,698.39	5,590,564.73
Salaries and expenses, War Food Administration.....	16,465,750.40	13,865,942.33	1,065,008.41				
Supply and distribution of farm labor.....	30,144,832.99	20,156,362.89	6,237,601.08				
Commodity Credit Corporation.....							108,030.89
Emergency supplies for Territories and possessions (national defense).....	* 4,107,570.94	21,582,446.84	* 10,605,194.01	2,818,497.09			
Foreign war relief (national defense).....	1,535,313.24	1,865,011.10	79,860.65	1,874,098.54			
Other.....	37,963,987.60	40,354,687.45	57,834,518.39	* 18,092.36	2,208,028.24	2,164,001.30	25,367,433.35
Total, Production and Marketing Administration.....	465,644,348.34	824,842,575.38	834,526,919.22	921,627,110.55	942,332,454.34	1,026,988,674.34	790,298,489.71
Defense aid (lend-lease).....	1,173,048,833.70	2,042,845,472.07	1,972,578,388.30	671,334,219.31			
United Nations Relief and Rehabilitation Administration.....	10,970,327.72						
Farm Security Administration.....	26,945,495.70	35,505,067.74	60,777,173.96	87,136,653.56	82,612,907.33	191,396,419.90	206,157,881.98
Rural Electrification Administration.....	11,175,111.46	4,733,780.85	3,574,165.61	9,124,097.93	24,187,152.25	37,977,352.30	37,767,388.37
Farm Credit Administration.....	26,795,669.84	* 34,415,536.87	65,656,526.86	72,033,110.66	* 116,337,931.50	* 1,532,143.11	* 3,770,994.35
Federal Farm Mortgage Corporation.....					* 100,000,000.00		
Miscellaneous.....	1,352,040.02	75,479.48	109,881.11	* 524,787.85	311,160.99	27,435.42	575,544.76
Total, Department of Agriculture.....	1,862,434,047.35	3,017,626,896.15	3,084,777,522.95	1,893,894,288.76	975,135,900.07	1,415,729,692.00	1,190,320,588.04
<b>DEPARTMENT OF COMMERCE</b>							
Office of the Secretary.....	3,389,493.31	1,899,180.02	1,401,698.17	1,399,763.03	1,325,204.26	1,298,262.75	1,474,293.01
Bureau of the Census.....	12,304,756.73	3,603,144.15	6,145,105.17	8,818,123.82	21,868,691.95	20,863,018.81	2,516,528.89
Office of Surplus Property <sup>8</sup> .....	11,766,272.36	5,714,403.38					
Office of Administrator of Civil Aeronautics.....	103,625,142.14	185,475,145.50	157,629,834.94	126,022,577.16	51,816,584.41	24,361,063.12	18,421,261.34
Civil Aeronautics Board.....	1,386,307.58	1,312,250.92	1,127,291.28	1,111,347.53	1,044,848.05	912,362.20	
Bureau of Marine Inspection and Navigation.....				2,425,450.82	2,763,946.24	2,629,536.03	2,636,429.08
Coast and Geodetic Survey.....	6,537,440.11	5,520,480.37	3,079,797.72	3,723,924.11	3,852,616.32	4,000,133.76	3,165,053.12
Bureau of Foreign and Domestic Commerce.....	1,819,606.96	1,885,540.32	1,730,876.76	2,127,299.25	1,676,464.28	1,730,186.76	2,695,469.56
Patent Office.....	4,920,026.07	4,816,757.36	4,581,740.43	4,660,794.09	4,773,696.95	4,588,966.17	4,713,746.06
National Bureau of Standards.....	5,622,331.75	1,937,266.44	1,836,898.17	1,023,167.27	1,923,279.92	2,404,395.13	2,090,079.93
Weather Bureau.....	12,633,709.74	11,089,644.02	8,656,429.83	7,589,944.07	6,601,768.28	5,806,578.00	4,923,478.11
Miscellaneous.....	9,262.61	52,163.65	53,679.12	52,914.07	30,492.59	1,538.63	17,198.94
Total, Department of Commerce.....	164,014,349.36	223,305,976.13	186,243,351.59	158,955,305.22	97,677,593.25	68,596,041.36	42,653,538.04
<b>DEPARTMENT OF THE INTERIOR</b>							
Office of the Secretary.....	4,461,259.25	* 830,709.47	14,087,161.30	7,797,890.96	3,931,994.71	2,348,921.47	2,345,305.66
Commission of Fine Arts.....	7,701.44	8,788.71	9,889.73	11,503.70	9,570.49	10,428.74	9,925.60
George Rogers Clark Sesquicentennial Commission.....					350.00	2,591.55	11,198.14
Perry's Victory Memorial Commission.....						35.81	7,480.84
National Bituminous Coal Commission.....					2,575,298.26	2,792,641.19	3,210,403.87
Bonneville Power Administration.....	8,783,262.27	8,257,380.62	15,182,604.64	24,481,986.94	16,684,432.15	10,851,459.72	5,049,400.41
War Minerals Relief Commission.....					11,084.61	10,703.34	28,273.10
United States High Commissioner to Philippine Islands.....	28,115.58	64,594.85	72,041.04	159,774.01	183,925.08	493,292.50	448,975.75
Office of Fishery Coordination.....	253,932.74	88,390.47					
Solid Fuels Administration for War.....	3,551,051.83	1,976,177.37	573,373.88	90,341.48			

\* Excess of credits, deduct.

<sup>8</sup> Transferred from Treasury Department, Procurement Division, by Executive Order 9541, dated Apr. 19, 1945.



## APPENDIX 6—Continued

## COMPARISON OF EXPENDITURES BY ORGANIZATION UNITS, FISCAL YEARS 1939 THROUGH 1945—Continued

Agency	1945	1944	1943	1942	1941	1940	1939
<b>GENERAL AND SPECIAL ACCOUNTS—</b>							
Continued							
DISTRICT OF COLUMBIA							
Federal contribution.....	\$6,000,000.00	\$6,000,000.00	\$6,000,000.00	\$6,000,000.00	\$6,000,000.00	\$6,000,000.00	\$5,000,000.00
Subtotal.....	100,238,603,882.18	94,137,751,460.39	78,374,271,248.57	33,464,428,839.27	12,867,281,165.27	9,137,013,068.95	8,780,797,529.09
Adjustment to daily Treasury statement basis.....	+165,992,803.36	-394,236,596.55	-191,922,607.70	-973,121,441.58	-92,390,841.30	-9,639,262.48	-15,459,498.55
Total, general and special accounts.....	100,404,596,685.54	93,743,514,863.84	78,182,348,640.87	32,491,307,397.69	12,774,890,323.97	9,127,373,806.47	8,765,338,030.54
<b>GOVERNMENT CORPORATIONS AND CREDIT AGENCIES</b>							
Checking accounts with the Treasurer of the United States:							
Redemption of obligations in the market (net):							
Guaranteed by the United States:							
Commodity Credit Corporation.....	434,045,722.88	61,687,891.48	231,907,489.77	• 4,844,000.00	• 289,458,000.00	• 200,620,000.00	-----
Federal Farm Mortgage Corporation.....	35,083,700.00	888,810,200.00	12,017,900.00	325,788,600.00	211,300.00	10,654,100.00	-----
Federal Housing Administration.....	3,759,450.00	2,603,000.00	2,315,269.05	3,221,150.00	2,552,450.00	839,493.39	-----
Federal Public Housing Authority.....	58,000.00	114,091,000.00	5,000.00	112,094,000.00	• 112,099,000.00	-----	• 114,157,000.00
Home Owners' Loan Corporation.....	803,027,350.00	720,188,700.00	28,786,825.00	851,254,700.00	211,532,825.00	166,188,975.00	• 45,900,000.00
Reconstruction Finance Corporation.....	157,000.00	895,865,000.00	323,611,000.00	521,797,000.00	• 645,092,000.00	• 276,668,000.00	• 905,129,000.00
Total, guaranteed by the United States.....	1,276,131,222.88	2,683,245,791.48	598,643,483.82	1,809,311,450.00	• 832,352,425.00	• 299,605,431.61	• 1,065,186,000.00
Not guaranteed by the United States:							
Electric Home and Farm Authority.....	-----	-----	8,832,500.00	5,441,250.00	• 2,951,750.00	• 3,092,500.00	• 2,814,500.00
Federal home loan banks.....	8,000,000.00	• 22,963,600.00	56,490,000.00	• 15,671,000.00	• 27,329,000.00	5,000.00	• 41,500,000.00
Federal land banks.....	268,583,700.00	157,930,100.00	-----	10,295,000.00	10,917,000.00	15,075,000.00	4,000,000.00
Federal National Mortgage Association.....	-----	55,352,000.00	29,748,000.00	-----	-----	-----	-----
Federal Savings and Loan Insurance Corporation.....	-----	-----	11,880.00	-----	-----	-----	-----
Home Owners' Loan Corporation.....	18,625.00	16,625.00	20,800.00	36,350.00	66,325.00	83,425.00	-----
Total, not guaranteed by the United States.....	276,602,325.00	190,335,125.00	95,103,180.00	101,600.00	• 19,297,425.00	12,070,925.00	• 40,314,500.00
Total, redemption of obligations in the market (net).....	1,552,733,547.88	2,873,580,916.48	693,746,663.82	1,809,413,050.00	• 851,649,850.00	• 287,534,506.61	• 1,105,500,500.00
Other activities (net):							
Commodity Credit Corporation.....	470,827,124.45	224,716,819.14	• 192,810,422.44	241,678,660.78	347,077,377.25	210,493,798.38	136,127,035.49
Export-Import Bank of Washington.....	• 164,811.36	109,584.39	277,281.96	• 283,415.34	208,482.55	• 340,302.64	1,549,270.42
Federal Housing Administration.....	• 5,362,285.67	• 2,378,865.04	• 6,143,779.89	• 4,658,226.48	• 8,098,547.21	• 4,853,751.00	-----
Federal Public Housing Authority.....	11,667,460.25	15,116,864.86	• 2,112,138.49	45,866,485.57	232,844,284.19	17,201,293.11	54,564,859.23
Home Owners' Loan Corporation.....	• 323,452,592.78	• 396,486,281.01	• 363,446,816.33	• 255,761,020.63	• 239,313,806.97	• 39,814,888.69	• 59,899,007.81
Reconstruction Finance Corporation.....	183,824,682.32	2,434,964,899.28	2,461,903,755.85	1,935,972,984.33	725,489,421.05	42,340,268.20	246,691,136.84
Rural Electrification Administration.....	• 2,553,194.95	• 1,062,135.40	652,532.82	854,076.05	• 1,059,136.93	• 875,059.57	385,538.79
Other agencies.....	• 709,136,796.03	• 745,493,128.20	• 398,376,611.47	• 148,358,339.93	12,027,477.33	30,241,107.46	• 42,183,794.83
Total, other activities (net).....	• 374,350,413.77	1,529,487,758.02	1,499,938,802.01	1,815,311,204.35	1,069,175,551.26	254,392,465.25	337,175,038.13
Total, Government corporations and credit agencies (net).....	1,178,383,134.11	4,403,068,674.50	2,193,685,465.83	3,624,724,254.35	217,525,701.26	• 33,142,041.36	• 768,325,461.87
<b>TRUST ACCOUNTS</b>							
Unemployment trust fund:							
Investments in United States securities.....	1,437,173,400.00	1,503,000,000.00	1,228,000,000.00	866,000,000.00	563,000,000.00	443,000,000.00	395,000,000.00
Withdrawals by States and other expenditures.....	71,277,332.93	60,590,783.79	176,167,159.73	377,142,328.20	555,127,110.94	514,316,273.97	441,795,000.00
Total, unemployment trust fund.....	1,508,450,732.93	1,563,590,783.79	1,404,167,159.73	1,243,142,328.20	1,118,127,110.94	957,316,273.97	836,795,000.00

• Excess of credits, deduct.



## APPENDIX 6—Continued

## COMPARISON OF EXPENDITURES BY ORGANIZATION UNITS, FISCAL YEARS 1939 THROUGH 1945—Continued

Agency	1945	1944	1943	1942	1941	1940	1939
<b>TRUST ACCOUNTS—Continued</b>							
Federal old-age and survivors insurance trust fund:							
Investments in United States securities.....	\$1,137,410,920.00	\$1,172,035,880.00	\$1,035,200,000.00	\$821,034,250.00	\$642,500,000.00	\$560,900,000.00	\$514,900,000.00
Benefit payments.....	239,833,904.85	184,597,363.80	149,303,977.71	110,280,702.20	64,341,884.66	15,805,088.55	13,891,583.23
Total, Federal old-age and survivors insurance trust fund.....	1,377,244,824.85	1,356,633,243.80	1,184,503,977.71	931,314,952.20	706,841,884.66	576,705,088.55	528,791,583.23
Veterans life insurance funds:							
National service life insurance fund:							
Investments in United States securities.....	1,973,700,000.00	861,700,000.00	326,335,044.98	34,815,000.00	2,800,000.00	-----	-----
Insurance losses and refunds.....	128,161,422.05	31,365,551.92	6,549,351.07	863,751.77	31,041.83	-----	-----
Government life insurance fund:							
Investments in United States securities.....	72,826,289.50	60,042,266.12	60,748,459.00	47,166,914.15	29,048,094.00	19,806,195.59	49,259,792.00
Insurance losses and refunds.....	24,509,933.86	33,592,938.92	30,838,250.88	44,987,523.06	63,023,295.86	76,440,375.00	41,741,809.80
Total, veterans life insurance funds.....	2,199,197,645.41	986,700,756.96	424,471,105.93	127,833,188.98	94,902,431.69	96,246,570.59	91,001,601.80
Federal employees retirement funds:							
Civil service retirement and disability fund:							
Annuities and refunds.....	148,358,285.05	100,476,706.54	83,323,821.51	76,197,957.98	72,332,213.39	67,203,261.76	63,758,607.60
Investments in United States securities.....	397,357,000.00	390,592,000.00	277,671,000.00	137,365,000.00	95,085,000.00	84,800,000.00	69,092,108.74
Alaska Railroad retirement and disability fund:							
Annuities and refunds.....	186,223.51	202,562.30	141,604.86	107,801.96	102,729.60	89,309.79	71,768.54
Investments in United States securities.....	156,000.00	203,000.00	252,000.00	295,000.00	238,000.00	204,000.00	236,000.00
Canal Zone retirement and disability fund:							
Annuities and refunds.....	1,545,242.05	1,470,590.25	1,331,712.42	1,205,867.52	1,047,532.22	924,643.77	858,431.58
Investments in United States securities.....	1,111,000.00	1,227,000.00	1,282,000.00	1,290,000.00	1,104,000.00	338,000.00	284,000.00
Foreign Service retirement and disability fund:							
Annuities and refunds.....	538,384.69	512,641.60	480,558.34	422,472.77	348,900.43	329,497.64	321,434.18
Investments in United States securities.....	824,000.00	897,000.00	673,000.00	729,000.00	787,000.00	398,000.00	200,000.00
Total, Federal employees' retirement funds.....	550,076,135.30	495,581,500.69	365,155,697.13	217,613,100.23	171,045,375.64	154,286,712.96	134,822,350.64
Railroad retirement account:							
Investments in United States securities.....	182,000,000.00	140,500,000.00	86,500,000.00	17,500,000.00	* 5,400,000.00	12,200,000.00	1,000,000.00
Benefit payments.....	141,444,643.89	134,415,832.07	130,464,800.65	126,243,910.67	121,173,514.47	113,099,073.50	105,774,077.31
Total, railroad retirement account.....	323,444,643.89	274,915,832.07	216,964,800.65	143,743,910.67	115,773,514.47	125,299,073.50	106,774,077.31
Other trust accounts:							
Legislative branch.....	1,049,574.59	1,365,274.43	1,728,797.43	1,314,801.75	1,054,965.53	768,883.61	762,082.69
The Judiciary.....	1,496,117.05	3,203,857.26	3,513,559.80	3,846,952.40	3,208,516.36	3,589,977.84	2,821,054.18
Executive Office of the President and independent offices.....	32,086,282.98	21,374,326.35	19,860,226.89	13,863,616.67	21,219,962.44	3,586,407.93	5,180,931.31
Federal Security Agency.....	650,907.55	666,685.35	3,693,123.51	13,975,978.72	7,257,395.87	4,524,207.77	3,241,701.20
Federal Works Agency.....	48,632.44	676,467.85	3,037,912.36	8,044,844.88	* 216,538.28	* 56,807.76	-----
National Housing Agency.....	1,211,802.16	1,369,163.56	933,035.13	304,251.52	4,584.29	1,171.87	-----
Department of Agriculture.....	15,919,625.58	13,418,009.59	174,796,085.17	350,752,479.52	215,759,058.53	41,600,795.84	5,336,748.52
Department of Commerce.....	143,986.95	82,710.55	48,485.40	71,836.17	48,893.01	44,615.82	57,687.03
Department of the Interior.....	10,394,376.32	10,485,908.83	8,641,681.85	8,380,792.08	7,277,537.92	9,657,677.36	7,531,613.74
Department of Justice.....	2,727,337.19	2,277,048.53	1,973,962.82	1,749,568.90	1,217,486.03	1,187,645.72	1,403,707.33
Department of Labor.....	505,703.51	408.71	* 3,442.71	-----	-----	-----	-----
Navy Department.....	15,860,310.69	1,036,715.76	2,244,110.84	2,551,464.20	2,781,570.45	2,219,629.90	2,280,360.31
Department of State.....	223,116.68	20,807,129.73	2,437,533.99	897,454.08	898,500.42	1,097,380.45	3,781,949.89
Treasury Department.....	5,103,148.47	1,524,297.00	2,950,380.97	20,264,457.27	18,932,126.09	13,759,154.87	19,616,753.04
War Department (including Panama Canal).....	291,616,634.20	115,692,179.74	* 6,439,567.89	* 3,363,050.12	5,253,250.10	3,517,699.45	5,316,888.03
District of Columbia:							
General government.....	10,274,686.65	9,997,108.62	4,524,444.03	4,274,778.00	4,150,103.30	4,099,732.91	3,992,896.29
Protection of life and property.....	9,263,157.23	9,038,789.87	9,292,707.92	8,802,891.00	8,767,640.48	7,534,396.86	7,359,856.54
Health and sanitation.....	4,720,470.60	4,650,866.76	4,091,225.15	3,805,799.00	3,529,023.84	3,396,977.72	3,217,939.20
Highways.....	3,353,373.27	4,224,923.45	6,030,634.96	6,286,845.00	5,539,023.58	6,619,951.58	5,527,879.69
Public welfare.....	10,826,429.96	11,421,395.74	11,451,632.88	10,640,666.00	10,093,112.42	9,518,700.40	8,967,414.15
Education.....	13,726,147.61	14,434,052.62	13,451,529.43	13,153,208.00	13,490,190.23	14,138,261.18	13,985,598.95
Recreation.....	2,035,319.79	2,825,033.78	1,820,760.10	1,789,246.00	1,459,333.86	1,881,982.16	1,838,605.65
Miscellaneous.....	18,391.39	350,411.45	387,870.30	374,722.78	387,579.12	306,373.93	364,673.96
Public-service enterprises.....	2,427,670.59	2,806,149.83	2,412,843.04	2,824,614.00	2,078,033.19	2,788,735.42	2,417,673.02

\* Excess of credits, deduct.

\* Excess of redemptions, deduct.



## APPENDIX 7

UNEXPENDED BALANCES OF GENERAL AND SPECIAL ACCOUNT APPROPRIATIONS AS OF JUNE 30, 1945, AND APPROPRIATIONS FOR THE FISCAL YEAR 1946 AS OF NOVEMBER 1, 1945<sup>1</sup>*As reported by the Secretary of the Treasury*

[This statement is submitted pursuant to the Budget and Accounting Act, 1921 (31 U. S. C. 11e)]

Department or agency	Unexpended balances June 30, 1945		Appropriations for fiscal year 1946, including permanent and indefinite appropriations	Total available
	On books of Treasury	To credit of disbursing officers <sup>2</sup>		
Legislative branch.....	\$13,913,415.44	\$3,889,326.45	\$49,371,668.66	\$67,174,410.55
The Judiciary.....	867,856.36	648,670.43	14,390,400.00	15,906,926.79
Executive Office of the President:				
Office for Emergency Management.....	1,440,969,803.97	1,397,334,541.78	696,994,033.00	3,535,298,378.75
Other.....	<sup>3</sup> 453,367,658.64	51,362,752.25	2,689,731,199.36	3,194,461,610.25
Independent offices:				
Federal Loan Agency.....	6.21	6,425,817.98		6,425,824.19
Federal Security Agency:				
Office of Administrator.....	1,053,771.08	1,308,169.52	5,068,980.58	7,430,921.18
Office of Education.....	14,839,663.72	14,778,802.47	27,585,018.00	57,203,484.19
Food and Drug Administration.....	28,277.24	240,096.75	2,779,000.00	3,047,373.99
Saint Elizabeths Hospital.....	1,402,955.81	84,097.81	5,442,665.00	6,929,718.62
Public Health Service.....	9,184,809.03	13,518,544.30	134,144,500.00	156,847,853.33
Social Security Board.....	1,013,715.04	99,391,310.57	373,870,474.00	474,275,499.61
Office of Vocational Rehabilitation.....	32,591.76	1,000,914.97	8,686,888.00	9,720,394.73
Other.....	298,955.06	96,218.65	<sup>4</sup> 1,989,750.00	2,384,923.71
Federal Works Agency:				
Office of Administrator.....	<sup>4</sup> 72,257,863.68	59,762,996.09	20,317,592.21	152,338,451.98
Public Buildings Administration.....	43,898,690.54	14,242,161.67	44,380,710.00	102,521,562.21
Public Roads Administration.....	99,780,439.00	66,233,819.42	212,114.10	166,226,372.52
National Housing Agency:				
Office of Administrator.....	60,733,049.81	348,759.75	9,755.94	61,091,565.50
Federal Home Loan Bank Administration.....	112,529.64	23,992.84		136,522.48
Federal Public Housing Authority.....	144,878,860.50	105,965,907.96	7,600,000.00	258,444,768.46
Other.....	4,903.20			4,903.20
Civil Service Commission.....	761,579.30	1,305,392.74	263,212,882.00	265,279,854.04
Employees Compensation Commission.....	2,172,077.04	1,871,673.94	17,962,000.00	22,005,750.98
Federal Communications Commission.....	207,707.35	749,604.44	5,005,400.00	5,962,711.79
Federal Power Commission.....	45,633.76	222,467.79	2,398,350.00	2,666,451.55
Federal Trade Commission.....	36,113.19	317,755.48	1,941,833.00	2,295,701.67
General Accounting Office.....	2,835,080.22	5,094,323.35	33,947,680.00	41,877,083.57
Interstate Commerce Commission.....	1,017,419.48	822,187.78	7,676,338.00	9,515,945.26
National Advisory Committee for Aeronautics.....	18,516,121.64	13,191,015.41	26,014,414.75	57,721,551.80
National Labor Relations Board.....	120,995.53	372,793.98	3,135,430.00	3,629,219.51
Office of War Mobilization and Reconversion.....	367,131.26	313,017.80	58,954,400.00	59,634,549.06
Railroad Retirement Board.....	15,730,844.14	930,139.61	305,135,000.00	321,795,983.75
Securities and Exchange Commission.....	188,322.52	399,320.94	4,143,000.00	4,730,643.46
Selective Service System.....	55.50		52,000,136.24	52,000,191.74
Tennessee Valley Authority.....	18,123,863.42	4,827,207.27	9,648,000.00	32,599,070.69
United States Maritime Commission.....	587,275,182.77	1,781,416,467.28		2,368,691,650.05
Veterans Administration.....	1,956,222,374.79	67,706,028.01	247,069,496.32	2,270,997,899.12
Other independent offices.....	2,333,351.81	920,718.73	5,891,087.00	9,145,157.54
Department of Agriculture.....	1,466,124,871.80	1,089,817,175.53	713,137,484.14	3,269,079,531.47
Department of Commerce.....	31,603,242.29	84,693,490.25	86,056,813.43	202,353,545.97
Department of the Interior.....	131,050,365.02	92,343,468.23	150,828,736.11	374,222,569.36
Department of Justice.....	14,430,204.53	12,495,047.10	93,770,257.69	120,695,509.32
Department of Labor.....	319,210.41	4,988,554.31	69,128,834.00	74,436,648.72
Navy Department.....	11,055,227,633.12	4,732,130,982.33	23,477,937,188.49	39,265,295,803.94
Post Office Department, payable from general revenues.....	3,393,851.74	1,034,966.68	19,909.98	4,448,728.40
Department of State.....	10,503,346.95	10,870,893.36	77,044,254.90	98,418,495.21
Treasury Department.....	1,504,965,433.09	554,126,343.95	3,017,881,103.26	5,076,972,880.30
War Department.....	39,235,010,359.67	8,042,997,335.10	21,515,917,020.05	68,793,924,714.82
Panama Canal.....	24,666,774.84	8,499,102.79	8,572,209.57	41,738,087.20
District of Columbia—United States share:				
Federal annual contribution.....			6,000,000.00	6,000,000.00
Regular divided accounts.....	695.53	53,186.60		53,882.13
Public debt, permanent appropriations:				
Sinking fund.....	4,937,361,565.00		587,560,154.00	5,524,921,719.00
Other public-debt redemptions, chargeable to general and special account receipts.....	36,662,983.15		5,310,797.00	41,973,780.15
Interest on the public debt.....			4,750,000,000.00	4,750,000,000.00
Government corporations and certain other agencies.....	<sup>5</sup> 12,120,658.96	2,071,066.85		14,191,725.81
Total, exclusive of Postal Service payable from postal revenue.....	63,428,034,865.55	18,353,238,629.29	59,685,875,008.78	141,467,148,503.62
Postal Service, payable from postal revenue.....			1,057,194,392.32	1,057,194,392.32
Total.....	63,428,034,865.55	18,353,238,629.29	60,743,069,401.10	142,524,342,895.94

<sup>1</sup> Includes permanent and indefinite appropriations and excludes amounts made immediately available in the fiscal year 1945.<sup>2</sup> Includes balances in special deposit accounts classified under general and special accounts in the Combined Statement of Receipts and Expenditures.<sup>3</sup> Includes unallocated balances of defense aid (lend-lease) funds in the amount of \$326,484,330.11 and unallocated balances of emergency funds for the President in the amount of \$58,935,122.22. Unexpended balances of allocations made from these funds are shown under the department or agency to which the allocations were made.<sup>4</sup> Includes estimated amount of \$796,750 to cover 100 percent of the expenditures on account of Freedmen's Hospital. Reimbursement for 65 percent of the actual expenditures will be made by the District of Columbia and transferred to Miscellaneous receipts.<sup>5</sup> Includes Work Projects Administration and Miscellaneous accounts.<sup>6</sup> Reflects items of corporate and agency funds for administrative expenses and other purposes.



## APPENDIX 8

RECEIPTS AND EXPENDITURES, GENERAL AND SPECIAL ACCOUNTS, FISCAL YEARS 1938 THROUGH 1947 <sup>1</sup>*Based on existing and proposed legislation*

[In millions]

Description	Actual								Estimated	
	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>RECEIPTS</b>										
Direct taxes on individuals.....	\$1,703	\$1,390	\$1,342	\$1,824	\$3,696	\$6,953	\$20,290	\$19,789	\$15,845	\$12,874
Direct taxes on corporations <sup>2</sup> .....	1,476	1,277	1,272	2,211	5,021	9,916	15,256	16,399	12,394	8,192
Excise taxes.....	1,722	1,755	1,875	2,390	3,128	3,777	4,400	5,934	6,303	6,344
Employment taxes.....	754	740	838	932	1,194	1,508	1,751	1,793	1,581	1,856
Customs.....	359	319	349	392	389	324	431	355	413	434
Miscellaneous receipts.....	208	187	267	509	277	907	3,280	3,470	3,171	3,239
Adjustment to daily Treasury statement basis.....	20		-18	10	-37					
<b>Total receipts.....</b>	<b>6,242</b>	<b>5,668</b>	<b>5,925</b>	<b>8,268</b>	<b>13,668</b>	<b>23,385</b>	<b>45,408</b>	<b>47,740</b>	<b>39,707</b>	<b>32,939</b>
<b>Deduct:</b>										
Net appropriation to Federal old-age and survivors insurance trust fund.....	387	503	538	661	869	1,103	1,259	1,283	1,098	1,426
<b>Net receipts (based on existing legislation).....</b>	<b>5,855</b>	<b>5,165</b>	<b>5,387</b>	<b>7,607</b>	<b>12,799</b>	<b>22,282</b>	<b>44,149</b>	<b>46,457</b>	<b>38,609</b>	<b>31,513</b>
<b>EXPENDITURES</b>										
<b>National defense:</b>										
War Department.....	432	490	667	3,687	14,097	42,294	49,249	50,339	28,000	<sup>3</sup> 8,000
Navy Department.....	633	717	936	2,313	8,580	20,888	26,538	30,047	14,700	<sup>3</sup> 5,000
Other war activities.....	1	44	108	301	3,334	8,927	11,252	9,643	6,100	<sup>3</sup> 3,000
<b>Total, national defense.....</b>	<b>1,066</b>	<b>1,251</b>	<b>1,711</b>	<b>6,301</b>	<b>26,011</b>	<b>72,109</b>	<b>87,039</b>	<b>90,029</b>	<b>48,800</b>	<b>16,000</b>
Interest on the public debt.....	926	940	1,041	1,111	1,260	1,808	2,609	3,617	4,750	5,000
Refunds.....	100	68	91	90	94	79	<sup>4</sup> 267	<sup>4</sup> 1,715	<sup>4</sup> 2,716	1,585
Veterans pensions and benefits.....	573	551	551	559	552	600	725	2,044	3,347	4,208
International finance (based on existing and proposed legislation).....									2,513	1,754
<b>Aids to agriculture:</b>										
Conservation and use of agricultural land resources.....	304	478	605	465	474	391	413	281	305	252
Parity payments.....			215	184	191	203	163			
Exportation and domestic consumption of agricultural commodities.....	35	211	144	223	196	126	98	69	110	198
Other aids to agriculture.....	373	353	412	<sup>a</sup> 126	231	317	91	252	51	51
<b>Total, aids to agriculture.....</b>	<b>712</b>	<b>1,042</b>	<b>1,376</b>	<b>746</b>	<b>1,092</b>	<b>1,037</b>	<b>765</b>	<b>602</b>	<b>466</b>	<b>501</b>
<b>Social security, relief, and retirement:</b>										
Social security program.....	302	347	383	444	496	498	511	476	538	594
<b>Work relief:</b>										
Work Projects Administration.....	1,421	2,161	1,477	1,285	882	290	6	<sup>a</sup> 1		
Public Works Administration.....	171	408	348	126	40	12	3	5	12	7
Other work relief.....	43	43	36	27	15	6	14	1		
<b>Total, work relief.....</b>	<b>1,635</b>	<b>2,612</b>	<b>1,861</b>	<b>1,438</b>	<b>937</b>	<b>317</b>	<b>23</b>	<b>5</b>	<b>12</b>	<b>7</b>
Direct relief (Federal Emergency Relief Administration).....	4	2								
Retirement funds.....	220	182	208	217	244	322	440	506	607	453
Aids to youth.....	378	368	378	347	251	18				
<b>Total, social security, relief, and retirement.....</b>	<b>2,539</b>	<b>3,511</b>	<b>2,830</b>	<b>2,446</b>	<b>1,928</b>	<b>1,155</b>	<b>974</b>	<b>987</b>	<b>1,157</b>	<b>1,054</b>
<b>General public works program:</b>										
Highways and airports.....	160	187	179	186	169	95	54	42	146	317
Rivers and harbors.....	126	112	104	78	80	74	63	56	80	110
Flood control and reclamation (including power).....	124	165	242	291	354	321	240	161	308	408
Veterans.....	9	6	6	3	4	3	5	16	55	130
Housing.....									100	90
Other general public works.....	63	48	55	60	42	29	15	16	52	28
<b>Total, general public works program.....</b>	<b>482</b>	<b>518</b>	<b>586</b>	<b>618</b>	<b>649</b>	<b>522</b>	<b>377</b>	<b>291</b>	<b>741</b>	<b>1,083</b>

<sup>a</sup> Excess of credits, deduct.<sup>1</sup> This appendix is explained in appendix 1.<sup>2</sup> Includes the following estimated amounts for refundable excess-profits taxes: 1943, \$258 million; 1944, \$566 million; and 1945, \$761 million.<sup>3</sup> Detailed estimates of appropriation for 1947 will be submitted to the Congress in the spring of 1946. The amounts shown for 1947 are tentative.<sup>4</sup> Includes transfers to public debt accounts for excess-profits tax refund bonds issued.



## APPENDIX 8—Continued

## RECEIPTS AND EXPENDITURES, GENERAL AND SPECIAL ACCOUNTS, FISCAL YEARS 1938 THROUGH 1947—Continued

[In millions]

Description	Actual								Estimated	
	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>EXPENDITURES—Continued</b>										
<b>General government:</b>										
Legislative branch.....	\$26	\$22	\$23	\$24	\$27	\$27	\$29	\$29	\$36	\$37
The Judiciary.....		9	11	11	12	12	13	13	14	17
Executive Office of the President.....	2	2	3	3	2	3	3	3	3	5
<b>Civil departments and agencies:</b>										
Independent offices.....	42	46	58	65	74	79	90	142	145	142
Federal Loan Agency.....	7	8	6							
Federal Security Agency.....	45	51	53	55	64	69	77	83	99	132
Federal Works Agency.....	123	51	35	26	32	37	68	62	70	66
National Housing Agency.....	33	19	10	17	17	15	15	12	10	16
Department of Agriculture.....	135	187	183	192	133	126	144	160	175	196
Department of Commerce.....	34	43	64	72	58	61	71	82	111	165
Department of the Interior.....	104	134	89	79	75	67	78	80	94	118
Department of Justice.....	50	47	52	57	64	63	71	68	67	93
Department of Labor.....	5	6	10	12	11	10	10	10	47	99
Department of State.....	18	17	22	20	26	32	37	52	102	127
Treasury Department.....	117	115	114	136	153	222	285	309	303	327
War Department, civil functions.....	48	24	31	34	38	31	13	9	22	19
Total, civil departments and agencies.....	761	748	727	765	745	812	959	1,069	1,245	1,500
Post Office Department (general fund).....	47	40	42	30	18	9	22			
District of Columbia (Federal contribution).....	5	5	6	6	6	6	6	6	6	6
Total, general government.....	841	826	812	839	810	869	988	1,120	1,304	1,565
Expenditures from anticipated supplemental appropriations.....									\$ 1,350	\$ 875
Expenditures based on proposed legislation (excluding international finance).....									\$ 250	\$ 1,500
Statutory public debt retirement.....	66	58	129	64	95	3				
Total expenditures (based on existing and proposed legislation).....	7,305	8,765	9,127	12,774	32,491	78,182	93,744	100,405	67,394	35,125
Excess of expenditures over receipts (based on existing and proposed legislation).....	1,450	3,600	3,740	5,167	19,692	55,900	49,595	53,948	28,785	3,612
<b>THE PUBLIC DEBT</b>										
Public debt at end of year.....	37,165	40,440	42,968	48,961	72,422	136,696	201,003	258,682	275,000	271,000

\* Excess of credits, deduct.

† The charts following the Budget Message include for the fiscal years 1946 and 1947 a tentative distribution of the lump-sum estimates of expenditures from the anticipated supplemental appropriations and a similar distribution of expenditures from the appropriations which are required to implement financially the proposed new basic legislation recommended by the President in the Budget Message.



